

ERASMUS+ PROJECT
"DIGITALL"

My E-Portfolio

Projects I completed while participating in The Erasmus+ project titled "Digitall"

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Co-funded by
the European Union

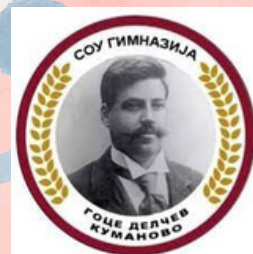


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1. "Digital" logo

To design my logo promoting the Erasmus+ project titled Digital I used Adobe Express, which is a type of software designed to help individuals in creating digital content.



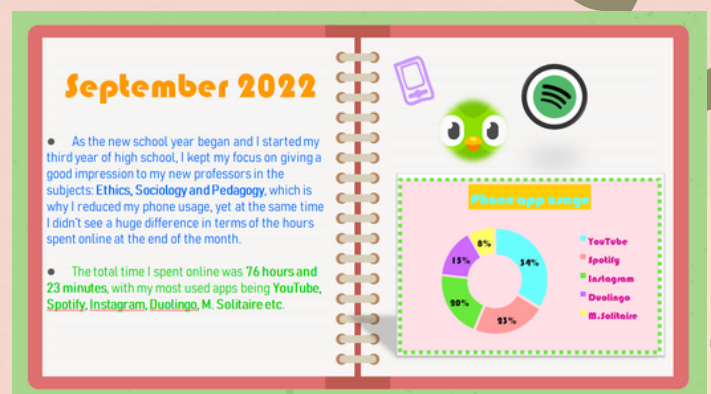
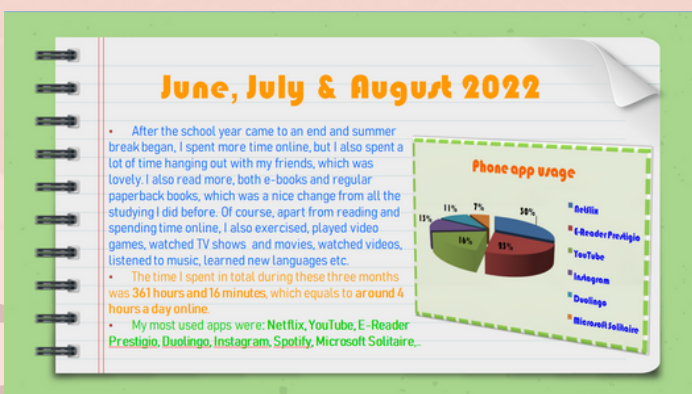
2. Poster about Digital

This is a poster that I made with my school peers about the Digital project that took place in Poland.



3. Internet diary

This is a presentation I made this year with data I've been gathering since April 2022 in order to show my Internet and social media usage over the course of one year. My monthly average was hours. The research for my presentation resulted in decreased app usage over time.



October 2022

In October, I noticed somewhat of an decrease in my Internet usage, but it wasn't anything drastic. I had tests in school because exam season had started, so I mainly listened to music and in my spare time watched videos, and I also continued using Duolingo for Learning Spanish.

- The total time I spent online according to my results was **74 hours and 56 minutes**.
- My most used apps were **Spotify, YouTube, Duolingo, Instagram, M.Solitaire** etc.

Phone app usage

App	Percentage
Spotify	34%
YouTube	20%
Instagram	15%
M.Solitaire	8%
Duolingo	3%

November 2022

In November, even though exam season was at the peak, I didn't notice a big change in the amount of time spent online. In fact, it was almost the same as the month before and my most used apps were almost the same.

- Most used apps: **Spotify, Instagram, Duolingo, M.Solitaire, YouTube, Photomath** etc.
- Time spent in total: **76 hours and 47 minutes**.

Phone app usage

App	Percentage
Spotify	33%
Instagram	19%
M.Solitaire	15%
Duolingo	5%
YouTube	3%

December 2022

In December, as the New Year drew closer and closer, I became more impatient in school, waiting for it to end so I could take a little break from all the studying I did. That's why this month I had a slight increase in my Internet usage.

- This month was the month when we also went to school online for a few weeks due to the fact that construction work was being done in our school, so that's why one of my most used apps was Microsoft Teams in December.
- Time spent online in total: **80 hours and 28 minutes**.
- Most used apps: **Microsoft Teams, Instagram, Spotify, YouTube, Duolingo, M.Solitaire** etc.

Phone app usage

App	Percentage
Microsoft Teams	35%
Instagram	14%
Spotify	11%
YouTube	14%
Duolingo	4%

My Internet journal the first week of my winter break

- Time I spent in total: **30 h & 3 minutes**.
- My most used apps were: **Instagram, Youtube, Netflix, Facebook** etc.
- I spent the time: watching videos, browsing the Net, watching films and TV series, listening to music etc.

Most used apps:
Instagram - 10h & 11min.
YouTube - 8h & 28min.
Netflix - 5h & 50min.

Phone app usage

App	Percentage
Instagram	35%
YouTube	20%
Netflix	19%
Facebook	15%

My Internet journal the second week of my winter break

- During the second week of my winter break I spent less time on my phone. I spent my time doing the same as the previous week, just reading and hanging out with my friends more, which was lovely.
- Time spent in total: **27 hours and 2 minutes**.
- My most used apps were: **Instagram, Youtube, Spotify, Netflix** etc.

Most used apps:
Instagram - 7h & 30min.
Youtube - 6h & 16min.

Phone app usage

App	Percentage
Instagram	30%
Youtube	26%
Spotify	19%
Facebook	18%

My Internet journal the third week of my winter break

- The last week of my winter break I also spent watching videos, browsing on social media, listening to music etc.
- Time spent in total: **28 hours and 40 minutes**, with **Instagram** and **Youtube** being my most used apps (12h & 10 min; 8h & 43 min).

Phone app usage

App	Percentage
Instagram	43%
Youtube	30%
Spotify	15%
Netflix	4%
Google	4%

My Internet journal the last ten days of the month of January

- Time spent in total: **35 hours and 49 minutes**.
- The apps I used most were: **Youtube, Instagram, Spotify** and **Photomath**.
- This was the time when I started school after winter break and, apart from the apps I use daily, I also used educational apps, such as **Photomath** for example, which made my daily use rise.
- It was very interesting to see that I used more social media on my summer break compared to my winter break, something I hadn't expected.

Instagram usage: 12h & 6 min.
Youtube usage: 11h & 30 min.
Spotify usage: 6h & 30 min.
Photomath: 1h 12 min.

Phone app usage

App	Percentage
Instagram	36%
Youtube	19%
Spotify	16%
Photomath	5%
Netflix	5%

My Internet journal in the month of February

- In February school got a little more intense, and I didn't use the Internet mainly in my leisure time, but for studying and making presentations. I spent more time on my computer making projects, studying, listening to music, watching videos etc.
- My most used apps were: **Youtube, Spotify** and **Instagram**, but also **Microsoft Word** and **Microsoft PowerPoint** for school.

My daily average came down to 3.5 hours on my phone and computer together → 25 hours a week.

Daily time spent online

Device	Percentage
Computer	55%
Phone	45%

March 2023

- In March, I had many activities inside and outside of school, in that I had many tests, projects and also many competitions that I participated in. They needed thorough preparation and studying. I also attended my first Erasmus+ project abroad. All those factors combined caused my social media usage to drop. As the month of March was quite a busy month I didn't have much time for reading and also hanging out with my friends too.
- The time I spent in total was **73 hours and 37 minutes**, which equals to around **2.6 hours a day**.
- My most used apps were: **Instagram, Youtube, Spotify, Photomath, M.Word** and **M.PowerPoint** etc.

App usage

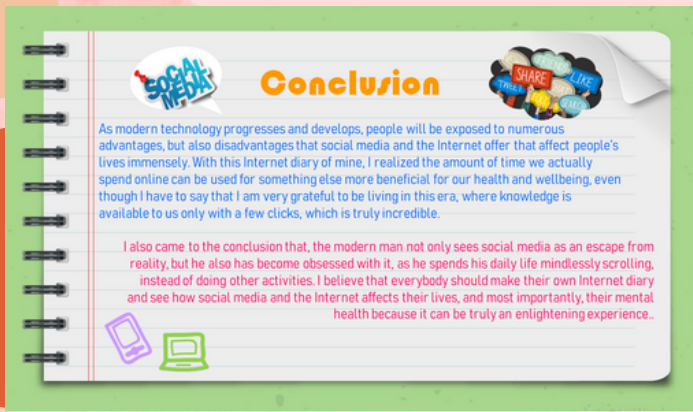
App	Percentage
Instagram	36%
Youtube	20%
Spotify	16%
Photomath	10%
M.Solitaire	5%

April 2023

- Compared to March, April was more relaxed in terms of school, projects, competitions which is why I noticed that I spent more time online.
- I also realized how the responsibilities and tasks I had each month throughout the year affected my Internet usage, which was super interesting.
- The time I spent in total in April was **78 hours and 54 minutes**, which equals to around **more 2 and a half hours a day**.
- Most used apps: **Instagram, Youtube, Spotify, M.Solitaire, Netflix** etc.

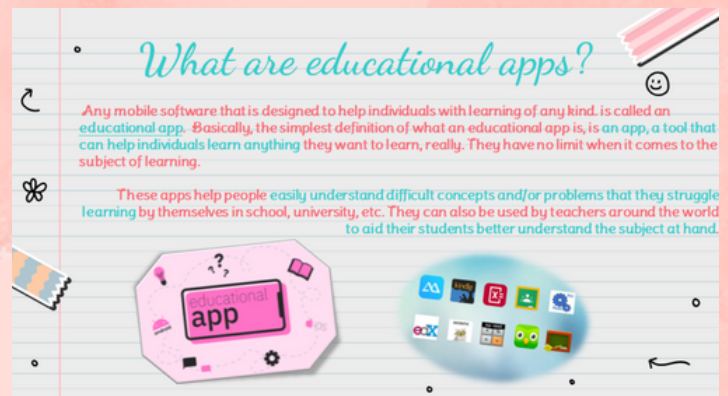
Phone app usage

App	Percentage
Instagram	33%
Youtube	20%
Spotify	18%
M.Solitaire	16%
Netflix	9%



4. Presentation about educational apps

This is a presentation I made in collaboration with my schoolmate Nikola. We took a closer look at some of the most used and most famous educational apps in the fields of languages, arts, social sciences etc. which are being used all over the world by both students and teachers.



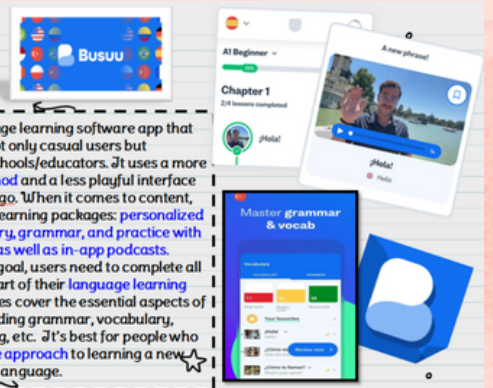
Duolingo

Duolingo is an American educational app that revolutionizes language learning with its fun and interactive way of learning. It offers more than 40 languages to learn with many vocabulary, grammar, pronunciation and listening exercises. Its gamified learning system and intuitive interface make it easy for users of all ages to learn new languages. Duolingo users can track their progress and stay motivated. The app also supplements school language classes, providing an engaging way for students to practice what they have learned in class.



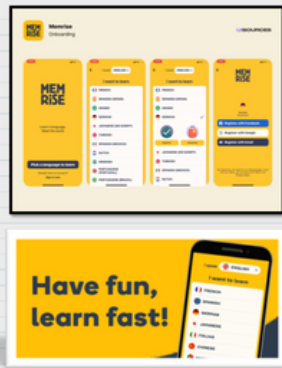
Busuu

Busuu is another language learning software app that addresses not only casual users but also businesses and schools/educators. It uses a more formal learning method and a less playful interface compared to Duolingo. When it comes to content, Busuu offers several learning packages: personalized study plans, vocabulary, grammar, and practice with native speakers as well as in-app podcasts. In order to achieve their goal, users need to complete all of the courses as part of their language learning program. These courses cover the essential aspects of a language, including grammar, vocabulary, conversation, listening, etc. It's best for people who prefer a school-like approach to learning a new language.



Memrise

Memrise uses a modern, visual interface that offers over 20 languages for users to learn. This language learning software is designed to keep users playing and completing lessons by using an engaging method of teaching, such as listening to natives speak. The program provides a lot of courses that teach them how to handle real-life situations in a new language. They can also learn basic-to-advanced details such as numbers, grammar, idioms, and difficult words. It's best for people who need an engaging language learning app that is mostly composed of short audio and video clips. Other similar apps are Babbel, Lingoda, Rosetta Stone etc.



02

Learning Geography



Google Earth

Google Earth is an immersive interactive experience for students and it's better than ordinary maps because it allows students to search for any location in the world, making Google Earth ideal for group projects, solo research, or class exploration.

All the countries in the world are available to students with just a few clicks of a button. And Google Earth is appropriate for all ages; younger children will get as much of a buzz from it as teenagers, making it easier to learn geography.



GeoGuessr & Seterra Geography

In GeoGuessr, the very famous geography game, players are randomly dropped somewhere in the world in street view and have to use their knowledge of their surroundings to find out where they are to win points. Seterra Geography is a part of GeoGuessr and acts as a world geography quiz game, whereby students can learn about the world's countries, their capitals, cities and towns, rivers, mountains, and even volcanoes and practice their pronunciation.

Similar apps like these are: StudyGe, MapMaster, Stack The Countries etc.



03

Learning History



History Timeline & History Quiz

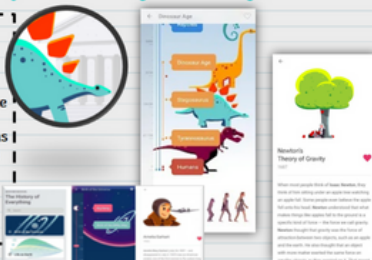
As the name of this free app indicates, it provides a comprehensive history timeline from all around the world. The app covers the complete range of history, from the evolution of life to Ancient History up until today. It covers the history of: Music, Philosophy, Arts, literature, Science, Life Events, Nations, Leaders, Wars etc.

With the History Quiz app, students grow to enjoy history quizzes and teachers can pick between different categories that feature over 2,000 questions.



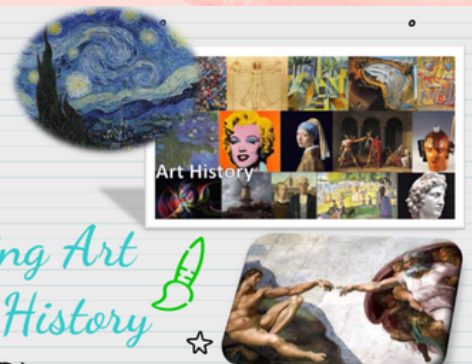
The History of Everything

Next, we have a free app called The History of Everything. This vertical timeline gives users the ability to navigate, compare, and explore events over time, be it the birth of the Internet or the Big Bang. The beautiful illustrations and animations for every event help make learning more fun and interactive. Other interesting apps are: Historical Calendar, Google Earth History Tours, and more.



04

Learning Art & Art History



Google Arts & Culture



Google Arts & Culture is a great app where students can do virtual tours inside world-class museums and tour landmarks and famous sites. Placing this on a big screen and allowing students to feel like they are exploring a famous museum can be a fun and highly beneficial experience.

Google Arts and Culture is a massive collection of videos and images of cultural artifacts from over 2,000 museums around the world and it also lets you find information about artists, museums, historic figures, places, and historic events. Other similar apps include [DailyArt](#), [Smartify](#), [Kuini](#) etc.



Photoshop & CorelDRAW

Photoshop is an graphic design and photo editing software developed by Adobe. It is used to train people to transform images, create incredible art, and design gorgeous graphics like a pro, even if they are just a beginner. In Photoshop, editors can crop photos, adjust photo composition, correct lighting, and make any subject imaginable look its absolute best!

CorelDRAW is a graphic design software which enables users to create professional designs with vector illustration, layout, photo editing, typography, template tools, and more. CorelDRAW allows users to create, access and store artwork, web graphics and prints.



05

Learning Music



Yousician



Yousician serves both beginners and advanced musicians. It's an application for desktop and mobile devices that provides a personalized learning experience. Whether people want to learn how to play guitar, bass, ukulele, piano or get vocal training, Yousician's got them covered. It enables users to get or hone musical skills with the help of lessons, regular challenges, and competitions with other people. The built-in sound detection allows the application to accurately evaluate their current level using their instrument of practice.



06

Others...



MISCELLANEOUS



Kahoot! & Quizlet



Kahoot! is a Norwegian game-based learning platform for educational purposes. It has learning games which are user-generated multiple-choice quizzes that can be accessed via a web browser or the Kahoot! app. Kahoot! also includes trivia quizzes where students can participate.

Quizlet is an app created that helps students learn through flashcards. Students can check their knowledge in automatically created tests and in a game in which they have to match words to their definitions. The application also allows people to create group quizzes, which is an interesting solution for teachers.



Microsoft Teams

Microsoft Teams is a collaborative educational app that allows for easy communication between teachers, students, and administrators. Its features include group chat, video conferencing, and file sharing, enabling streamlined collaboration and task assignment.

Schools can track student progress in real-time and provide feedback quickly. Microsoft Teams ensures students stay on top of their work while providing a platform for collaborative learning.



Google Classroom

Google Classroom is a suite of online tools that allows teachers to set assignments, have work submitted by students, to mark, and to return graded papers. It was created as a way to get eliminate paper in classes and to make digital learning possible. It was initially planned for use with laptops in schools, such as Chromebooks, in order to allow the teacher and students to more efficiently share information and assignments. As more schools have transitioned to online learning, the use of Google Classroom, as well as other platforms like Microsoft Teams has gotten far wider.



Microsoft Whiteboard

Microsoft Whiteboard is a powerful educational app for creating interactive virtual classrooms with features like text boxes, images, and videos. It allows for real-time communication between students, collaboration on projects, and feedback on assignments.

With Microsoft Whiteboard, educators can make their lessons engaging and effective.



Remind



Remind is a website and app that acts as a communication platform for teachers to send messages to multiple recipients at once. That means direct communication with the entire class, or sub-groups, in a secure way.

The idea behind Remind is to make communication management far easier so as to give teachers and students more time to focus on the actual learning part of school. The ability to schedule class announcements, send live messages to a group, or send media are just some of the features that Remind has to offer. This is a fantastic tool for organizing a school trip, reminding students and parents about a quiz or test, scheduling



Conclusion

The educational apps that we have access to these days are very needed in order for us to keep up with current technological advancements.

They truly help everyone- starting from kids, students (including us), to working adults, such as teachers for example, because of their versatility and because there are apps like these in almost every field of research.

That's why we believe everybody should find the best educational apps suitable for them and their interests and improve their skills.



Thank you for your attention!



5. Virtual tour of Bursa

This is a presentation, i.e. a virtual tour that my schoolmates and I made of Bursa, Turkey. We chose the most famous and most attractive tourist sights of Bursa.

There were so many to choose from, so we picked the ones we would have liked to visit there.

Gymnasium "Goce Delcev"
North Macedonia

Digital Tour Bursa

ERASMUS
Project DIGITALL



Bursa

Bursa is a city in northwestern Turkey and the administrative center of Bursa Province. It is the fourth-most populous city in Turkey and second-most populous in the Marmara Region. Bursa is one of the industrial centers of the country. Most of Turkey's automotive production takes place in Bursa. As of 2019, the Metropolitan Province was home to 3,056,120 inhabitants, 2,161,990 of whom lived in the 3 city urban districts (Osmangazi, Yildirim and Nilufer). Bursa also has thermal baths, old Ottoman mansions, palaces, and several museums.



Ulu Cami- Grand Mosque

Bursa's Ulu Cami (Grand Mosque) sits amid the city's central market area, so a visit can be easily incorporated into your exploration of the neighborhood. The mosque dates from 1399 in the early days of the Ottoman Empire, so its architecture still leans towards the earlier Seljuk style, which took much of its influence from Persian mosques. It's most recognizable for its roof which has 20 domes. For over 500 years this was the biggest mosque in Turkey. On a Friday prayer there are about 5,000 people praying together and another 2,000 outside. The Grand Mosque in Bursa is open to the public and taking photos inside is allowed.



Silk Market

The Silk Market is located in the lively heart of Bursa and is also called Koza Han, which dates from 1490. It is located specifically in the Heikal area of Osmangazi. It is one of the most important tourist places visited by tourists in the city. It also includes a large courtyard, a mosque, and a group of ancient monuments. The arched cells on the two-story levels of this caravanserai now host stores specializing in silk products, while the large shaded courtyard at its center is home to various cafés.





Muradiye Tombs

Anyone with an interest in the artistic heritage of the Ottoman period will appreciate a visit here, as the tombs are decorated with exceptional examples of colorful tile work and intricate calligraphy. There are 12 tombs set into the site. Two of the most historically important include the tomb of Sultan Murat II (father to Mehmed the Conqueror, who conquered Constantinople) and that of the famous Cem Sultan (third son of Mehmed the Conqueror), who died in exile in Italy having lost the battle of succession with his brother who became *Beyazit II*.



Traditional Cumalikizik Village

Before 2014, Cumalikizik village was unheard of, but when UNESCO added it to its world heritage site list, many major travel publications featured it and put it into the spotlight. The criteria that bagged its inclusion is 270 old Ottoman houses made from wood and stone. Preserving these types of ancient structures is of vital importance as modern housing continues to develop and change all the time. In 1969, remains of a Byzantine church were also discovered. While there, enjoy a traditional Turkish village breakfast.



Green Tomb (Green Mausoleum)

The Green Tomb of Bursa is dedicated to the 5th Ottoman Sultan Mehmed I. The blue/green structure stands on a hill not far away from the city center and next to the Green Mosque. The Green Mausoleum is beautifully decorated with colorful tiles from the inside. You will find the tomb of Mehmed I in the middle plus 7 other tombs. The super detailed wooden door to the tomb is still the original door from when it was built in 1421. It is free to visit the Green Mausoleum in Bursa.



Green Mosque

Next to the Green Mausoleum you can find the Green Mosque, which is a UNESCO World Heritage site constructed in 1412 by the same Sultan who is buried in the Green Tomb next door. Way more detailed than the Grand Mosque, this popular place to visit in Bursa is a must see when you travel to Bursa. Sultan Mehmed I constructed the mosque with the help of Persian artists from the East and you can see that clearly in the very detailed tiles and similar colors that you will find in mosques in Central Asia.



Historical Inkaya Plane Tree

All around Bursa is full of Monument Trees that defy centuries. The best known of these trees is the Inkaya (Grand) Plane tree, which is over 600 years old, in Inkaya Village, which is 4 km away from Çekirge neighbourhood and on the Uludağ road. Physically it is Turkey's largest tree. Diameter of the tree is 3 meters, 10 meters in circumference, height is 37 meters. It has 13 main branches, thickness of the each of them is like a tree trunk.



Lakeside Village of Gölyazı

Ulubat Lake is just 40 kilometers west from central Bursa. The tiny village of Gölyazı sits on a peninsula jutting into the lake and is an excellent place to visit for a taste of slow-paced rural life. On weekends, it's a popular day trip for Bursa locals who come to stroll the lakefront, enjoy the peaceful atmosphere, and take boat trips out onto the lake. The village has plenty of rickety architecture rimming its alleys; a famous and huge 750-year-old plane tree; and a smattering of Roman-era ruins, including the scant remnants of the settlement's Roman walls. Ulubat Lake is also known as a good location for bird spotting in spring, when the migratory birds are passing through.



Uludag

Uludag, which was called Olympos until the Ottoman times, Mount of Monks in the Ottoman period; it got its present name in 1925. It is the highest peak of the Marmara Region with a height of 2543 meters. Its area is 12,762 hectares. Uludağ, which is 50 km away from the Sea of Marmara, was declared a National Park in 1961.

People travel to Bursa to go skiing and the Uludag ski resort has become a popular tourist destination in Turkey in the winter. There are restaurants and bars up on the mountain and this is a spot where you can easily stumble upon Turkey's most famous artists in winter.



Public universities in Bursa

Bursa is one of the major Turkish states that pays great attention to education at all levels. The infrastructure in Bursa is very strong, in terms of educational institutions equipped with the latest technology. In addition to the strong infrastructure, Bursa universities have a good teaching staff that qualifies them to provide the highest levels of education for students. Universities in Bursa also organize many events, activities, and cultural competitions, which encourage students to excel in their classes. In Bursa there are two universities which are Bursa Uludag University and Bursa Technical University which offer great educational plans.



Museums in Bursa

Bursa, being a big city with many tourist sites, especially attracts tourists with the many museums that it has to offer such as:

1. Bursa archeological museum
2. Bursa city museum
3. Museum of Ottoman house
4. Bursa Ataturk museum and others...



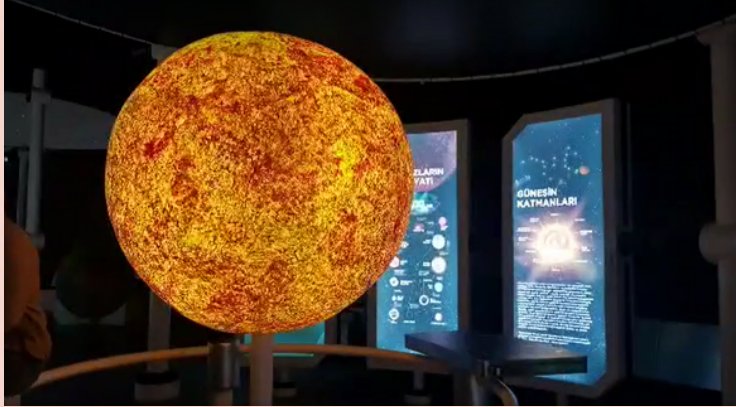
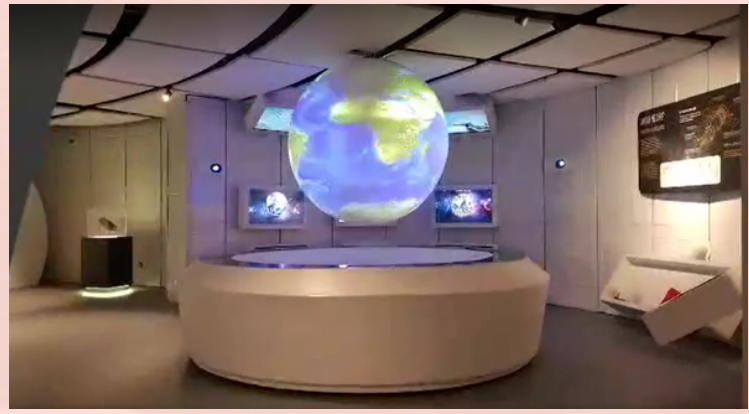
Thank you for your attention!

Made by:
-Nikola Markovski
-Pavel Manev
-Teodor Trajkovski
-Lucija Petrovska

6. Video of Bursa

This video was made by my schoolmates and me, during our stay in Bursa, Turkey. We had previously attended a class about different types of programs to use while creating videos, after which we had the task to create our own group video that contained the best moments from our time spent in Bursa. We had such a fun time filming the video that captures all the moments we'll never forget. :)





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