



**ERASMUS+ MOBILITY PROJECT FOR VET LEARNERS AND  
STAFF  
FINAL REPORT**

**2024-1-RO01-KA122-VET-000234870**

**LISBOA – PORTUGAL**

BETWEEN

The Promoter Organization: **COLEGIUL NAȚIONAL "MIHAI EMINESCU",  
Satu Mare, Romania**

AND

The Partner Organisation: **CASA DA EDUCAÇÃO - SAPERE AUDE: Educação e Formação,  
from Lisbon, Portugal**

The team of CASA DA EDUCAÇÃO - SAPERE AUDE: Educação e Formação, from Lisbon, Portugal, in cooperation with companies from Lisbon area took the role of host partner for groups of students from Satu Mare, Romania, in the frame of Erasmus+ programme. During the Mobility Project no. **2024-1-RO01-KA122-VET-000234870** we hosted 10 participants – **Vet Learners**, selected by: Colegiul Național "Mihai Eminescu" Satu Mare, sending organisation. The training programme was addressed to VET learners and it was containing internships located in the city of Lisboa in:

Mathematics – Computer Studies:

**JELLY CODE** (Rua Carlos Lopes, Albiz Parques – Edif. Jelly 2635-209 Sintra, Portugal) for 12 days between 02/12-13/12/2024, representing 60 hours of training- 30 hours/ week.

### **Duration, Dates, Participants**

The duration of this flow was 12 days ( two weeks ) as follow:

<b>Participants</b>
ALEXANDRU BRETAN
OANA CADAR
DRAGOȘ-MIHAI CORSUC
TUDOR-GABRIEL COSTEA
ANDREI CUCUIAT
RAFAEL-PETRUȚ GARDOS
CEZARA-DARIANA LUCA
MARK-DANIEL MIHAI
RALUCA-IOANA SABOU
LUCA-MIRCEA VASIL
<b>Accompanying teacher</b>
MARIANA-SIMONA BRUMBOIU



## **Background**

The reasons for which Colegiul Național "Mihai Eminescu" Satu Mare applied for this project derived from the needs of professional and personal training, identified at institutional level for the students from the specialization: Mathematics – Computer Studies. These are:

- Difficulty of employment after completing their studies in a qualification in the Mathematics – Computer Studies field, although they obtain a professional certificate at the end of school.
- Lack of entrepreneurial skills to develop the spirit of creativity in the development of the local business environment.
- Limited possibilities for good communication in the European spirit due to gaps in specialized language and cultural training.

## **Objectives**

1. Development of new and specialized skills in Mathematics – Computer Studies relevant and transferable, adapted to the business environment in the EU, for 10 students – Mathematics – Computer Studies, through transnational mobility in companies, for a professional development qualified, with the aim of increasing the employability on the labor market.
2. Awareness of belonging to the same system of European values in education, required by the EU labor market obtained through internships in real work environments. Use of European tools for their recognition.
3. Developing partnerships with European institutions and companies to contribute to the formation of a workforce adaptable to an inclusive labor market, which has the ability to certify skills acquired by students through transnational mobility, to be validated and recognized in the EU context.
4. Developing the language skills in English, due to the international context.
5. Promoting personal development through transnational work placement.

## **Implementation**

Activities implemented by:

1. Practical training, through 1 training course within 1 company specialized in: Mathematics – Computer Studies (JELLY CODE), with 60 hours of learning (2 weeks, 5 days / 6 hours / day) at work during the periods -02.12.-13.12.2024, with the objective of developing in a real environment work of the following units of specialized related competencies. To these is added the development of key competencies: entrepreneurial, social and civic.

2.Evaluation, validation through Europass Mobility document, recognition and transfer of learning outcomes.

3.Project management-selection, pedagogical, cultural and linguistic training during the school schedule, plus host country, logistical arrangements, completion of the database.

4.Information-dissemination and valorization of the project results.

5.Individual and final reporting.

### **Preparation of the mobility project**

In order to make the cooperation between Colegiul Național "Mihai Eminescu" Satu Mare, the companies and CASA DA EDUCAÇÃO - SAPERE AUDE effective, guarantee the best quality project and to satisfy the participant's expectations and needs, we have designed the program of the project together. We have exchanged e-mails in order to discuss the aims of the project, to develop the plan of activities and to clarify any doubts.

CASA DA EDUCAÇÃO - SAPERE AUDE, the companies and Colegiul Național "Mihai Eminescu" Satu Mare also revised MoU which establishes the implementation of mobility developed within the Erasmus+ program and implementation of European Credit Transfer System.



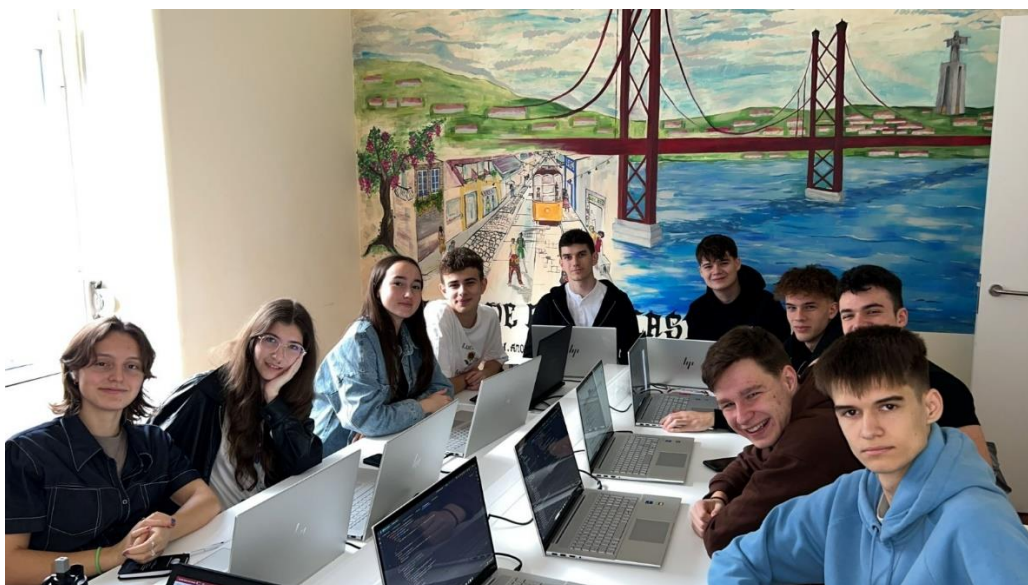
### **Arrival of the participants**

All the participants from Colegiul Național "Mihai Eminescu" Satu Mare arrived at the airport in Lisbon. Casa da Educação provided the transfer from the airport to their accommodation. On the same day of their arrival they had an informative welcome meeting, designed to give the participants useful information they require during their stay in Portugal. Firstly, they had the introduction to the program in general. The tutor informed the trainees about the organization and

described the work activities, obligations and tasks they will be involved in during the project. Next, they were provided with the plan of the city and were acquainted with all the hospitalities of Lisboa. The next informative session was dedicated to the cultural aspects of their experience in Portugal: the work style, rules to follow, behavior and other cultural information were given to the participants.

### **Training Programme Details**

The overall goal of this mobility was to improve the training of students, to develop their skills and competences and thus encourage their employability. In order to meet the needs of the project, the programme was containing training practice in local companies from the local market. The students from the first flow worked 30 hours a week.



#### **Practical Activities done during the professional training:**

The students who did their internships in Mathematics – Computer Studies (JELLY CODE), where they were responsible for a wide variety of tasks, such as:

- Install and configure emulation software on virtual mobile devices – create the first Android project “Hello World!”;
- Coming up with a design idea, preparing a programme structure and the layout;
- Android Programming: Implementing navigation between two screens through the Intent application, transmitting data from one screen to another;
- Example of displaying information in the user interface using Logcat and Toast;
- Databases: Implementing CRUD applications using greenDAO;

- Designing an interface with different Layouts types: relative layout, linear layout, table layout;
- Multimedia Programming: Taking photos using a camera (with Intent);
- Android service, applied to the Media Player;
- GPS antenna implementation and geolocation;
- Presenting the own application to an audience, demonstrating the app's most essential elements and explaining the app's development history.



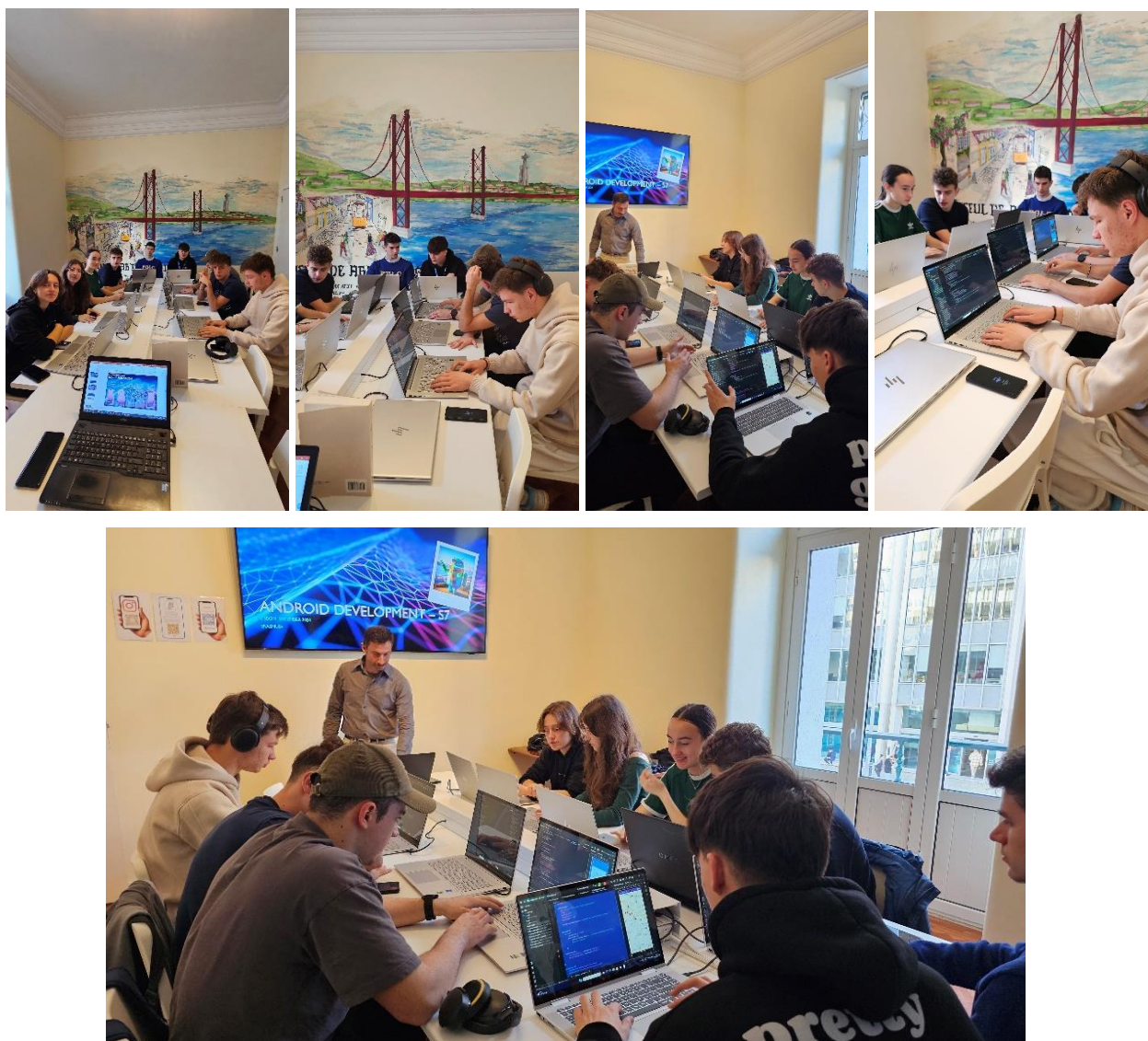
The planned results of the project were fully accomplished. Participants in this project have gained many working skills and improved their professional competences.

The methods of evaluation of the participants were made by using the following assessment tools: practical tests on payment instruments applied at the end of each week, on Fridays. There was also a final evaluation of the participants consisting in a practical test.

We are very satisfied with the students' development. They were very engaged and showed self-esteem. The professional training in Portugal broadens the horizons of the trainees and helps these young people to get used to the problems they will face in the 'real' working world and to ease fears related to work. Therefore, this project improves their employability by gaining new

knowledge, skills and competence, building self confidence, seems to facilitate in the future the participants' transition from school into a regular working life and raised aspirations through the opportunity of living and working in another country. The placement, this steppingstone approaches, ensures a feeling of success and result in a long-term motivation for and commitment to the job.

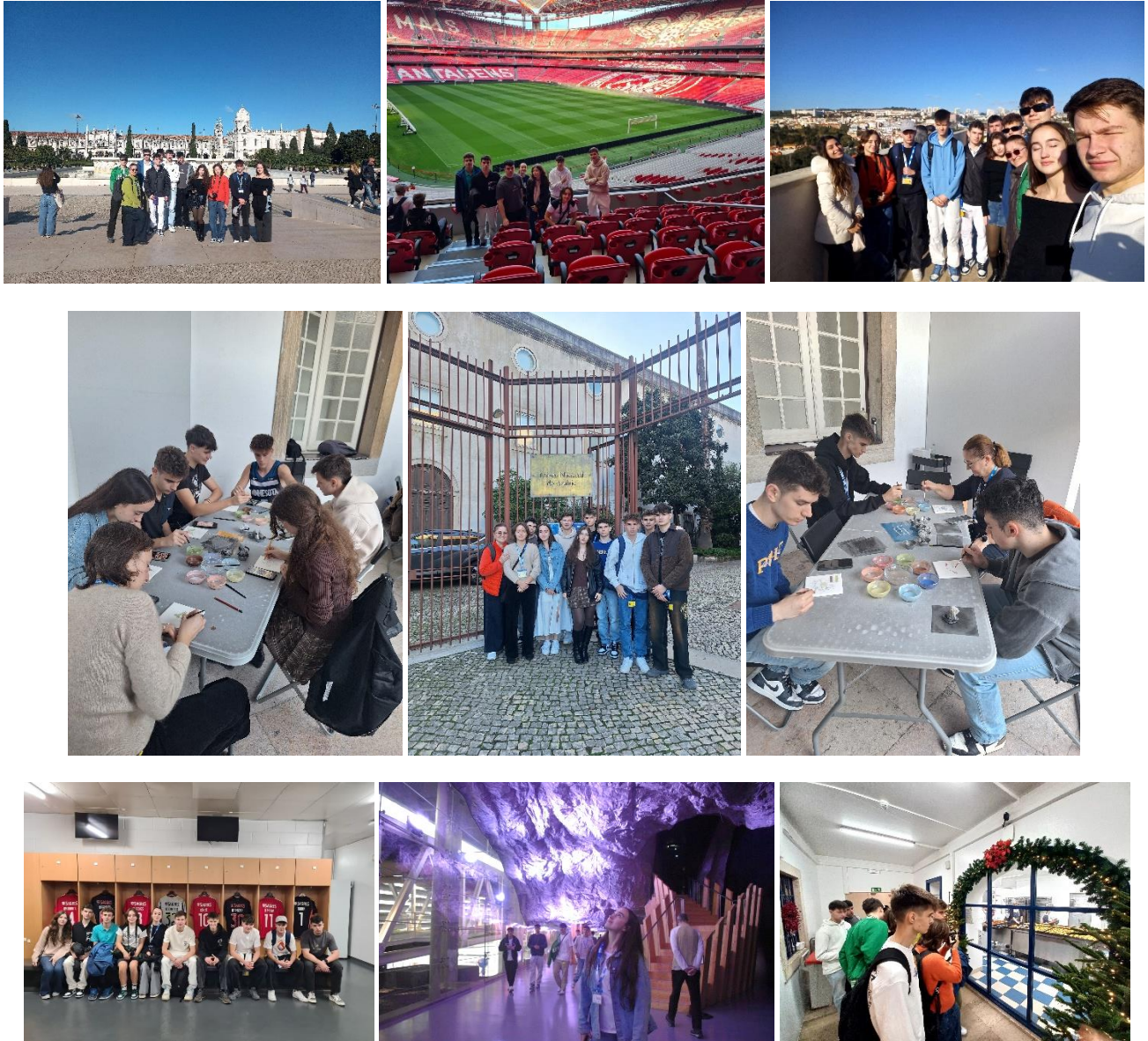
The validation of skills acquired by participants was achieved by awarding the participants a Europass Mobility document, certificate and grades according with Portuguese grading system.



### **Cultural Program**

In order to have a better understanding the European Union context, the group had the opportunity to experience some cultural activities alongside the work experience placements, during their time in Portugal.

The trainees went to different tours in Lisbon, such as in Benfica and Belem areas, with a member of Casa da Educação team, where they were able to experience the city from the historic and artistic point of view, which increase the awareness of the European heritage and values. Between the main touristic objectives they visited, we can remember Oceanarium, Discoveries Monument, Pasteis de Belem Fabrics, as well as the Benfica Stadium and the Tile Museum, where they painted their own azulejo piece.



Additionally, they also visited a few other places and cities from Portugal, when they had the chance to enhance positive interactions with people from different backgrounds. The beautiful trip was to Fátima, important religious center, Nazaré, old fishing village, nowadays a surf's competition place, and Obidos, a wonderful medieval city. Next, the trainees visited the famous Cascais, the Pena Palace in Sintra, a recognised Unesco world cultural heritage, and Cabo da Roca, the westernmost point of continental Europe.



The students really enjoy their time in Lisbon, both culturally and through their placements and will continue to apply the skills that they have learnt here at their work, as well as their European outlook back in Romania, fostering the intercultural dialogue, learning and feeling of being European.



### **Evaluation of the project**

The evaluation of the project is excellent. Employees of the CASA DA EDUCAÇÃO - SAPERE AUDE and persons involved in this project from companies hope it was a rich and useful experience for the participants. The monitoring team did its best in order to satisfy the expectations of each participant and to ensure the communication with the sending organization at each stage of

the project. In order to reach this, there was one final evaluation at the end of the training programme. Participants had chance to see the way of working in Portugal. Certainly, they had an opportunity to get to know a lot of useful information about the functioning of our enterprises, which are related Mathematics – Computer Studies. Participants gained worthy experience in working in team, cooperation with colleagues and individual work according to the individual skills of the each one. At the end of the project, participants received “Participation Certificate”, Learning Agreement and the Europass Mobility document. Most importantly the participants gained professionally experience in their sector, so that they will be more competitive in the labour market in Romania.

## Results

Project results:

-10 students with skills specialized in Mathematics – Computer Studies obtained in real work environments in companies in the Mathematics – Computer Studies field on the EU labor market, validated and recognized by the Europass Mobility document, ready to obtain and practice required qualifications on the market work.

-10 students improve their language and communication skills in English.

-10 students acquire entrepreneurial skills, which increases their career chances as future employers.





## Conclusion

Our monitoring team did its best in order to satisfy the expectations of participants. We were always ready to offer help, advice and solve any doubts with our guaranteed 24-hour availability; in any case they needed some assistance. Consequently, the participants seemed to be satisfied with this project. According to their opinion, it was an interesting and useful experience. We hope they found inspiration and got new ideas about how to deal with their future career in their country. We are satisfied because due to their participation in the programme, the participants have enriched their skills, competences and practical professional experiences. Moreover, participants had the opportunity to explore new horizons by fully integrating in Portuguese culture and meeting many new people from Portugal and from the other parts of world. In addition, the whole group of participants has become good friends, and can still meet each other and exchange their experiences after the project. Our team is very satisfied with the participant's involvement in the project and personal interest of each person involved. We hope we can continue our cooperation with Colegiul Național "Mihai Eminescu" Satu Mare, Romania.

13<sup>th</sup> of December 2024, Lisbon, Portugal  
Mrs. Rosário Moreno  
Director **CASA DA EDUCAÇÃO - SAPERE AUDE.**