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Industrial Informatics Semester Project

Technical University of Cluj-Napoca

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March 10, 2020

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Purpose

- Guide High School students to their future career based on their skills and personality.

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User Story

General User Story

As a high school student I want to find a way to choose my future career so that I can start to prepare for it.

User Story

- As a high-school student I want to have an account so that I can review the information later.

- As a high-school student I want to discover which academic field is suitable to me so that I can choose a career I would like.

- As a high-school student I want to find universities which offers the study program suitable for my career path so that I can narrow my search.

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User Story

- As a high-school student I want to find information about the academic environment so that I will have a better perspective of my life there.

- As a high-school student I want to find an estimation about the cost of life so that I can know if I can afford to attend a certain university.

- As a high-school student I want to find information about the future perspective of a career so that I can follow a job which will be in high demand in the future.

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Survey

- On a survey, 32 former and current High-School students were asked a set of questions regarding their future plan.
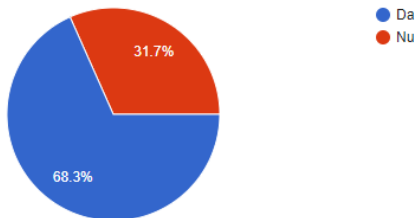
Esti la liceu?

60 responses

Figure 1: First question

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Question no. 2

- Figure 2 demonstrates the lack of cooperation between students and the career mentors.

Ai avut vreo discutie cu indrumatorul in cariera sau psihologul scolii in legatura cu viitorul tau?
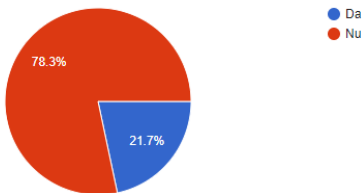
60 responses

Figure 2: Second question

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Question no. 3

- Figure 3 shows that one third of the students haven't decided about their future yet.

Figure 3: Third question
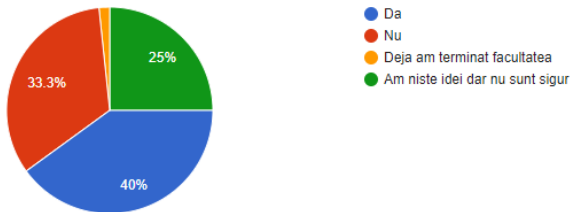
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Question no. 4

- Figure 4 displays some of the toughest issues students encountered when it comes to their future.

Ce dificultati intampini cand te gandesti la viitorul tau?
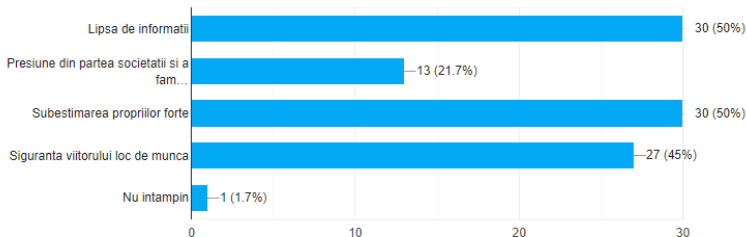
60 responses

Figure 4: Fourth question

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Question no. 5

- Figure 5 illustrates that students have the old mentality in which a faculty is choose based on the knowledge, not based on the interest or inclination to the subject.

Figure 5: Fifth question

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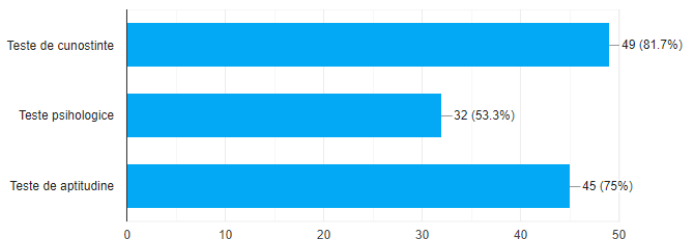Benefits
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Question no. 6

- In Figure 6 it is shown that three quarters of students manifest interest in such an application.

Te-ar ajuta o aplicatie care sa iti sugereze facultatea potrivita?
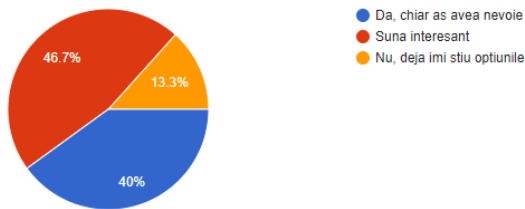
60 responses

- Da, chiar as avea nevoie
- Suna interesant
- Nu, deja imi stiu optiunile

Figure 6: Sixth question

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Question no. 7

- Based on this question we will determine the features of this application
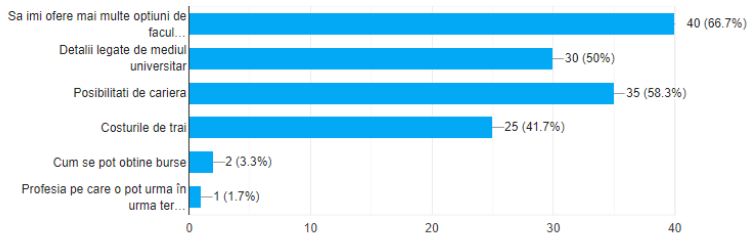
Figure 7: Seventh question

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Goals

- Based on the results of the survey, our goal is to create an application that can guide the students to a better choice.

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Benefits

- This will help them to save time lost from choosing a wrong domain and to find their unlocked potential.

- The application will choose the appropriate universities by using the user's skills and personality.

- By choosing the right domain, the society evolves faster with a smaller percentage of unemployment, higher level of employee productivity and better use of the resources used in the educational system.

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Thank you for your attention!