

Capstone Project Inception and Registration Information - Winter 2024

Fill out all the required information according to the instructions. Make sure you specify the details for the 3 parts. Please get your advisor's approval for this document:

* Indicates required question

Project's basic data

I. Title (up to 10 words)

First Response Team Application

2. First advisor's full name

Mark only one oval.

- ☐ Alex Keselman
- ☐ Anat Dahan
- ☐ Dan Lemberg
- ☐ Daniel Bouenos
- ☐ Dvora Toledano-Kitai
- ☐ Elena Kleiman
- ☐ Elena Kramer
- ☐ Ilya Zeldner
- ☐ Julia Sheidin
- ☐ Miri Weiss-Cohen
- ☐ Moshe Sulami
- ☐ Nataly Levi
- ☒ Naomi Unkelos-Shpigel
- ☐ Renata Avros
- ☐ Reuven Cohen
- ☐ Ronen Zilber
- ☐ Samah Idris
- ☐ Zakharia Frenkel
- ☐ Zeev Barzily
- ☐ Zeev Frenkel
- ☐ Zeev Volkovich

3. First advisor's email address

naomius@braude.ac.il

4. Second advisor's full name (if there are two advisors)

Mark only one oval.

- ☐ Alex Keselman
- ☐ Anat Dahan
- ☐ Dan Lemberg
- ☐ Daniel Bouenos
- ☐ Dvora Toledano-Kitai
- ☐ Elena Kleiman
- ☐ Elena Kramer
- ☐ Ilya Zeldner
- ☐ Julia Sheidin
- ☐ Miri Weiss-Cohen
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- ☐ Ronen Zilber
- ☐ Samah Idris
- ☐ Zakharia Frenkel
- ☐ Zeev Barzily
- ☐ Zeev Frenkel
- ☐ Zeev Volkovich

5. Second advisor's email address

6. Category

Mark only one oval.

☐

Research

☒

Development

7. Explain the project's category in a few sentences (i.e., why it is a research/development project).

This project aims to serve as a platform for coordinating first response squads within various groups. Our objective with this initiative is to develop a customized solution for these squads, with a primary focus on the usability of the application and the overall quality of the final product. While we plan to conduct a research phase, involving interviews and studies, it's important to emphasize that this project is categorized as a development project. This is because our intention is not only to conduct research but also to actively develop the application based on the insights gained from the research.

8. Keywords (separated by commas)

Management, First-Response-Team, Mobile Application, Website, React, Interviews

9. Student 1 - ID

207470329

10. Student 1 - First name

Sharon

11. Student 1 - Last name

Mor

12. Student 1 - email address

Sharon.mor@e.braude.ac.il

13. Student 2 - ID

206850612

14. Student 2 - First name

Yuval

15. Student 2 - Last name

Badihi

16. Student 2 - email address

Yuval.badihi@e.braude.ac.il

17. Link to git Repository

<https://github.com/SharonMor/First-Response-Team>

18. This project is being conducted for an outside company. *

Check all that apply.

☒ No

☐ Yes

Details about the project

19. General description of the problem

The project addresses the significant challenge of the increasing demand for first-response squads lacking dedicated management solutions. Many of these squads currently operate without specific applications or systems to streamline their day-to-day activities. Recognizing the time-sensitive nature of their work, this initiative aims to develop a customized application and management system. Through an iterative process of requirements elicitations with these squads, we aim to better understand their challenges and create tailored solutions. The goal is to enhance the efficiency and effectiveness of first-response squads in their crucial operations.

20. Planned working process during the first semester (including working phases, tools, algorithms, etc.)

Research – conduct interviews with first response teams and find studies.

Divergent and Convergent thinking – choose our first response team goals and action items.

Dev Planning – Figure out the best tech stack to use in this project.

Development Phase – Implementing algorithms in order to enhance the teams' operational efficiency.

21. Expected achievements this semester (what are you expecting to achieve at the end of the semester)

1. Conduct interviews with at least Two different response teams.

2. Write requirements elicitations and complete the project book.

3. Have a good understanding of react and maybe react native.

4. Understand how to implement a interactive map.

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