Web application for MITS mentorship programme
Project proposal

What is the mentorship programme?

The MITS mentorship programme is a semester-long programme designed for the first year Computer Science and Mathematics bachelor students. The aim of the programme is to ensure that every starting Mathematical Statistics, Mathematics and Computer Science student settles into the university life as smooth as possible, with the guidance and assistance of senior students. This project is currently undertaking its second year, having gathered approximately 30 mentors 90 mentees last year.

The application

For the mentorship programme to run smoothly, a web application needs to be created which would act as a central platform in service to all the parties of the programme (mentors, mentees and the administrators of the programme).

In the application, it should be possible to:

- Register a personal account
- Fill and manage a personal profile
- For the mentors, find a suitable partner for forming a mentor group
- For the mentees, find the most suitable group from the formed groups
- For the mentor groups, record their time and activities spent together (by uploading pictures as well), and complete certain goals set by the programme administrator
- For all users, see the activity of the mentor groups in an user-friendly manner
- For the programme administrator, view and manage all the information concerning the programme (ie setting due dates for certain activities to be done, such as joining a group)
• For the programme administrator, communicate with a desired audience, such as one mentor group or all the mentors, via an email interface.

Other requirements

• Good UX
• Mobile-first design

Conceptual model

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