

System Requirements

Must-Have Requirements

- **Matching system** — there must be a matching algorithm that matches mentors and mentees as best as possible according to their preferences.
- **Preferences for matching** — there must be a system for mentors and mentees to specify their preferences for matching, for instance interests.
- **Separate mentorship programmes** — the system must allow for a number of separate mentorship programmes with their own matching constraints.
- **Personal status** — users must be able to see the status of their mentorships, for instance whether they can match with users and how active the mentorship is.
- **Web app** — the app must be able to be accessed on both mobile and desktop form factors.

Should-Have Requirements

- **Profile system** — users should be able to create and manage a simple profile so that other users can learn about them. Should include name, image and perhaps a short bio.
- **Notifications** — users should be able to receive notifications about key features of the app, for instance when matches are allocated. Should work across different form factors.
- **Admin bulk operation interface** — there should be an interface that allows admins to perform bulk create/read/update/destroy (CRUD) operations easily.

Could-Have Requirements

- **Mentorship meeting record** — the app could be able to store records of the mentor and mentee meeting each other during the course of the mentorship, with the ability to add comments to this.

- **Notifications to meet** — the app could prompt mentors to meet with their mentee after a period of inactivity, for instance two weeks.
- **Instant messaging** — the app could facilitate instant messaging between mentors and mentees.

Would-Have Requirements

- **Corporate Directory Lookup** — the app would be able to use the company's internal "Corporate Directory" to populate users' profiles.