

PFE

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Projet de fin d'études présenté par
Élève ingénieur de l'INSA de Rennes
Spécialité INFO **Maud LERAY**
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Implementation of new features and improvement related to the web application by using Javascript, ReactJS, HTML

Lieu du Projet de Fin d'Études

Konnektid

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1 Special thanks

Simone Potenza, Konnektid team, Bruno Arnaldi, INSA Rennes...

2 Company presentation

Startup, creation date, idea («Your neighborhood is your university »)...

2.1 Concept and features

- Skill-sharing platform
- Offline meetings (konnektions)

2.2 Global situation

- 15,000+ members
- Mostly in the Netherlands
- Office at Rockstart (small intro)
- Team (small intro)

Goal for the year: validate business model and become sustainable (transition with next section: what was the internship about)

3 Initial state

This section describes how the situation was for Konnektid when I started the internship

3.1 Main features of the website

- Activity feed (make requests/offers)
- Konnektions (online chat)
- Explore map
- Regular members and professional teachers

3.2 Team organisation and project management

- Teams per jobs (development, business, community...)
- Weekly meeting per team
- Monthly OKRs meeting with everyone to discuss previous results and set up next goals
- Tools: Asana, Slack, Github
- Monthly meeting with my tutor to discuss goals/issues/thoughts and to define/evaluate PKIs

3.3 Goals of the internship

Build/improve features on the website in order to achieve Konnektid's goals, and follow the process of building a company + give input/ideas

- Learn web development (Javascript, ReactJS, NodeJS, Redux, HTML, CSS...)
- Discover startup life and the process of company building
- Participate in the process by giving ideas and opinions

4 Internship progress

The internship cannot fit into a specified project, as the goals and strategy were changed every month, so this section will follow the same structure. This may be a bit unconventional, but it seems to be the best way to render the work that was accomplished.

I listed here all the tasks I accomplished so far, for each month, obviously a selection will be needed to focus on the main ones

4.1 March

Discovery of the process, code, and tools... Describe how Github is used (branches, reviewing...)

Mainly small tasks, to get familiar with the language/code/process:

- Fixed broken carousel for mobile on homepage
- Added scrolling button in activity feed, for users not to miss footer info
- Updated copywriting and deal with translation (for instance teacher form, homepage)
- Added «Invite friends »button after offer made from activity feed (with analytics)
- Updated emails (profile completion reminder, welcome, konnektion created...)
- Updated Privacy statement
- Added User terms page

4.2 April

For this month, explain that we built a library of reusable static UI components

- Created «Unlock your city »email
- Improved deletion process by adding messages suggesting possible solution when selecting the quitting reason
- Created Label and Alert UI components
- Built UI course page, both mobile and desktop, from designs in MarvelApp
- Added editing features to course page (DraftJS), only in desktop
- Added Google Maps plugin to «Location »field on course page

4.3 May

Important this month: big release (course and teacher pages)

- Added «Review teacher »flow
- Reviewed copywriting in course and teacher pages
- Handled non-existing pages and URLs («Page not found »)
- Added tests for redux modules
- Created PublicHeader, PrivateHeader components and containers and PublicOffcanvasMenu (mobile) component + added them in Private layout
- Fixed broken mobile menu in old pages
- Updated route handlers using react-helmet plugin
- Refactored layouts: added PrivateLayout and PublicLayout components, handled by StandardLayout container
- Updated professional teachers on the homepage
- Added link to /mycourses in private mobile menu for teachers
- Removed beta pricing on /teachers page
- Updated sharing messages for course and teacher pages
- Implemented close on outside click on some menus, where it was missing

4.4 June

- Designed wireframes for matchmaking flow (already a lot of material available)
- Listed needed UI components for this flow and implemented them (DatePicker and TimePicker)
- Became responsible for new navigation project
- Added feature flag for new navigation
- Added new navigation in old pages for both mobile and desktop, only in desktop for new pages
- Added analytics to new pages (here explain new analytics and maybe necessary refactoring for enroll modal)
- Normalised redux action structure

4.5 July

Big change this month: the team and the OKRs are divided in two squads: Supply and Demand. The Supply squad decided to focus on improving the /teachers page, using the following process:

- Brainstorm (structure, important info, inspiration from other conversion pages...)
- Implementation of feature flag and creation of a mockup
- Iteration on the mockup after feedback from the team

The next planned step is to test this new /teachers page by sending invites to potential teachers and increase the conversion rate.

... To be continued

4.6 August

... Suspense!

5 General conclusion

What I learned, and which improvements I brought to Konnektid

Résumé

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Abstract

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