Casa me

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15 de febrero de 2021

How we organized?

- Due to more Back-end proficiency. Two final development teams.

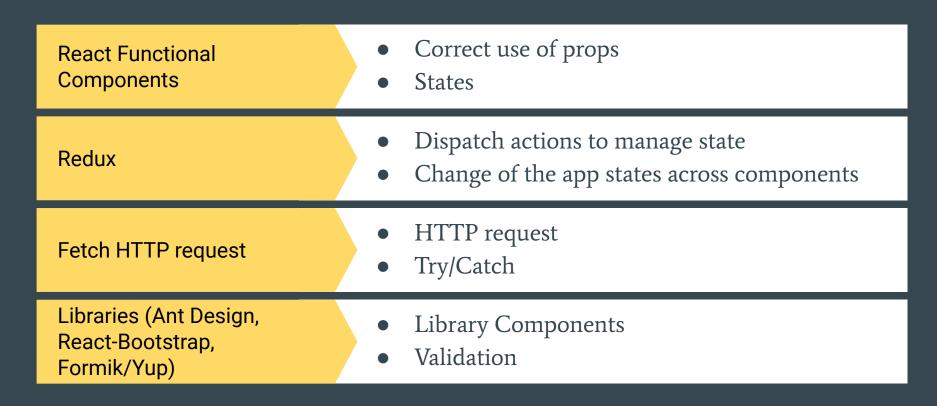- Daily standup meetings to track the progress of each member.

Difficulties: Learning React curve and state render component cycle were our hardest challenges

Facilities: Our back-end team good practices and TDD development mixed with similar practices in prev projects worked really fine.

Lessons Learnt - Backend

JWT
- Encrypt and verify signed tokens

Firebase/Authentication
- Sync users with the DB
- Retrieve users information from auth token

Express/Mongoose
- Connect db with the app
- Create db schemas and discriminators

Heroku
- Deploy Node.js app
- Manage environment variables

Lessons Learnt - FrontEnd

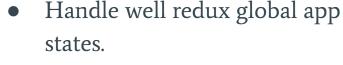| React Functional Components	- Correct use of props - States
Redux	- Dispatch actions to manage state - Change of the app states across components
Fetch HTTP request	- HTTP request - Try/Catch
Libraries (Ant Design, React-Bootstrap, Formik/Yup)	- Library Components - Validation

Conclusions

What we found

This was the first time we were working on such a big project, a big team and a bigger uncertainty.

Fortunately we used knowledge of all of our previous projects to spend time previous to code to avoid excessive refactors

What we create ⬆

- API with 2 servers connected strongly.
- Authenticated and storage service handle by external service.
- Consummation of API from client smoothly.
- Reusable and capsulated code.
- Cloud database
- Deployed projects
- UX oriented (bases) project.

What still needs to be created

- Handle well redux global app states.
- Meet many UX statements pending.
- Handle Error to show consumer server feedback.
- Testing in client. Green fields mixed with learning does not match well with testing.
- Better styles.