Project Status Report 5

Team1
CS-673 (Software Engineering)

Fall 2024

By

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Team Meeting Minutes:

Date: 11/12/2024

Attendees:
- Sergio Khalil
- Yuhang Zhang
- Asma Asiri
- Brad Nissenbaum
- Shivaang Kumar

Discussion Points:

- Refining the design to make it compatible with the user's needs.
- Discussing technicalities that will improve the UX and the user's journey in general.
- How to tackle some errors.
- An application sometimes involves multiple clients. We need to account for this scenario. (roommates applying together for an apartment)
- Using email API to send invitation and notification emails

Capture Decision:

- After gathering some insights, the design needs to be more compatible with the user's needs.
- Some technicalities must be adjusted to link pages and improve the User Experience.
- The website needs to have minimal to no errors that we can tackle right now before launching.

Action items:

- Refining the design.
- Improving the UX and user Journey.
- Integrating email API to send confirmations and notifications.
- Implement the Add Application functionality
- Implement the Add Client to application functionality
- Implement the "Assign task to specific user inside a specific application" functionality.
- Implement the ability for Agent to download documents uploaded by client.

Team Contribution:

-Sergio Khalil:

- We have added the "get user info" and "update user info" functionalities, allowing users to update their profile information as needed.
- Enhanced the user model by introducing two new fields: *phone number* and *office location*, providing a more complete profile experience.

- Implemented the "Get Application" functionality for both client and agent home pages:
  - **Agent View:** Agents can retrieve and view all applications they are handling.
  - **Client View:** Clients are presented with all applications assigned to them.

-Asma Asiri: I worked on refining the header across all pages to create a consistent look, adjusting alignment, colors, and spacing for a cleaner design. I connected the Settings option to navigate directly to the Settings page, making it easier to get around the app. I updated the header on the Client and Agent home pages by removing the extra username and arrow, keeping things streamlined without losing any functionality. I also ensured the layout nicely fits a full-page view for better responsiveness. Finally, I tackled technical issues with missing modules, including `@mui/material` and `@emotion/react`, to keep everything running smoothly across components.

-Yuhang Zhang: This week, I updated and fixed AddApplicationPage.js, adding an "Add User" button that allows users to dynamically add more user information fields (name, email, phone, and office location). I fixed JSX syntax errors, ensured that elements were nested correctly, and implemented the ability to copy user information to improve the user experience. I also fixed ESLint errors so that the code compiled smoothly, ensuring that the page is fully functional and users can add information flexibly.

-Shivaang Kumar: This week, I updated the "Add Application" page by adding the option to include multiple clients in a single application, improving flexibility for multi-tenant cases. I also refined the page layout for a more user-friendly experience. Additionally, I started integrating an email API service to automate notifications for users, enabling account creation confirmations, task updates, and other alerts. This setup will streamline communication and improve overall user engagement within the platform.

- Brad Nissenbaum: This week, I did pair programming to improve the functionality of the backend and to host the backend on OnRender.com so it will be available remotely rather than just locally. I reviewed the current Figma designs and frontend UI pages and made suggestions to

better align with the end user needs for both clients and agents. I tested and debugged issues with the front end and back end functionality using both Postman and the Chrome developer tools.

GitHub group project repo:

GitHub repository: https://github.com/sergioBU2024/CS673Team1-Real-Estate-Checklist-Tracker