**Group 6 Member:** Dalilah Earley, Ignacio Fite Lopez, Deborah Barndt
**Project Title:** Pin Base Application
**Project Idea:** Family Tracking App
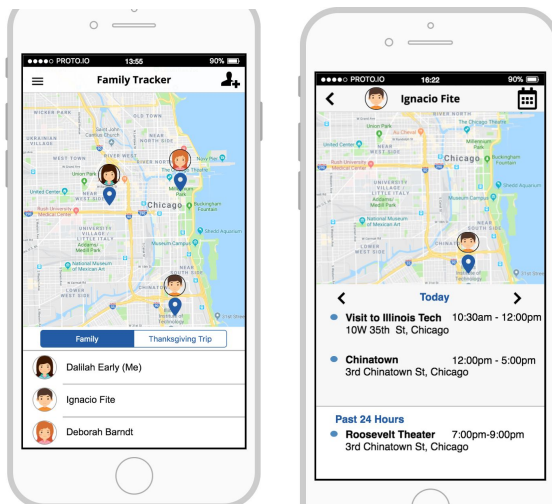**Heuristic Analysis:** Pin Base

**Description of Interface:**

Pin Base application is designed to give families, caregivers, and friends a better and simpler experience when it comes to navigating the location of loved ones. Our unique scheduling system allows for users to create "checkpoints" of where, when and how long an individual plans to be at a particular location.
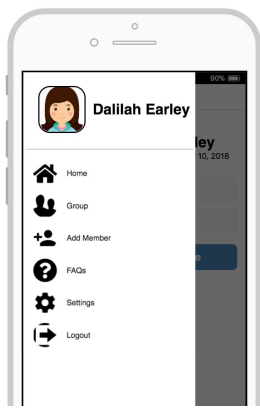
**Heuristic Analysis:**
1. Visibility of system status
    a. The home page of the application gives users a simple and organized view of their group's location with a map view with pins. The user knows what group is being displayed by the buttons below the map. In this example, "Family" and "Thanksgiving Trip" are the two groups made. Users visually know that group called "Family" is active due to the button having a blue background. Users also have the ability to add another member to their "Family" group by clicking the add icon at the top or users can click on the menu icon to see the other options offered by the application. If a user clicks on an individual's name, the user will be brought to a new page, where a person's past, current and future locations are shown.
    b. The exact current location of the individuals in the group called "Family" is difficult to see in the map view, I would suggest the exact current location of each individual be visually represented in text next to each individual's name.
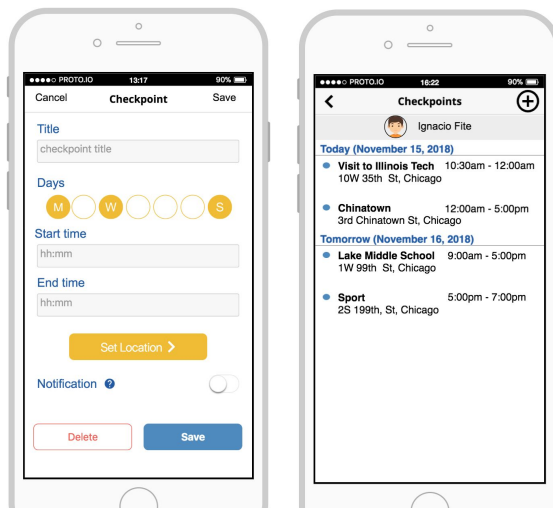


2. Match between system and real world
    a. The icons chosen for the menu options are common real world icons that match the options provided to the user by the Pin Base application.
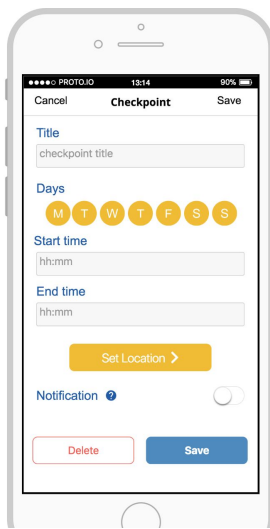
3. User control and freedom
    a. The ability to create events or "Checkpoints" as Pin Base application calls them gives users the ability to create common destinations for their week(s), such as work and school, which occurs Monday through Friday. Users are given the ability to view one another's schedules as long as they are in the same group.
    b. The "Checkpoints" page can be provided by changing the visual appearance of the buttons used to select Days. When the buttons have not been selected, they should have a yellow outline, white background and the letter should be in yellow. When a button is selected they should have a yellow outline and background and the letter should be in white.
    c. The "Checkpoints" page does not provide users with the ability to edit an already created "checkpoint" this is important to fix because users should have the freedom to edit or delete "checkpoints" as needed.



4. Consistency and standards
    a. Each page except the login page has two buttons at the top horizontal bar, whether it be a menu, add a particular element, back button, cancel or save button. The consistency trains users to pay attention to the top horizontal bar, especially in accessing important buttons.
    b. Checkpoint page is confusing due to having two "save" buttons and two buttons doing the same thing, specifically "cancel" and "delete". The buttons at the top either need to be changed to serve another purpose or the buttons at the bottom need to be removed.
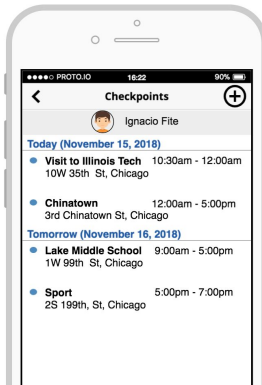
5. Error prevention
    a. Throughout the application, users have "Cancel" and back buttons to exit out of pages quickly if they find themselves no longer wanting to complete a certain action.
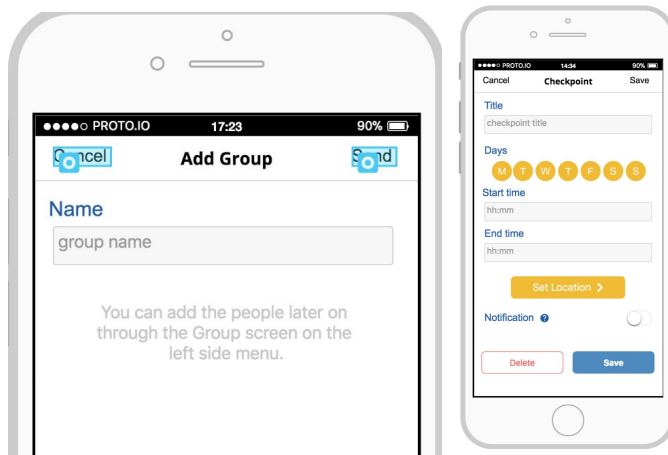
6. Recognition rather than recall
    a. The "Checkpoints" feature allows users to quickly recognize where their group members have been, where they currently are, and where they plan to be. Users have the ability to title their locations as well making an address simpler to understand and more recognizable.
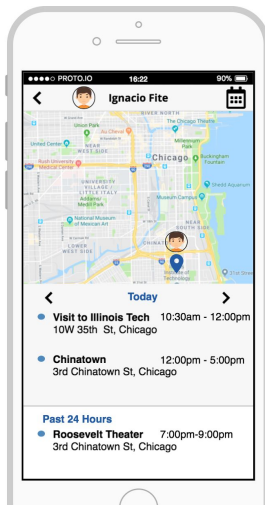


7. Flexibility and efficiency of use
    a. The Pin Base application provides users with the ability to create many groups giving users the ability of flexibility and organizational efficiency.
    b. The "Send" button found on the top horizontal bar of the "Add Group" page should be changed to "Save" because the word "Send" does not make sense, in regards to creating a new group and trying to save it.
    c. Selecting start time and end time can be made more user friendly by having adding a way to select times as well as select AM or PM. AM and PM selection are currently missing from the application.
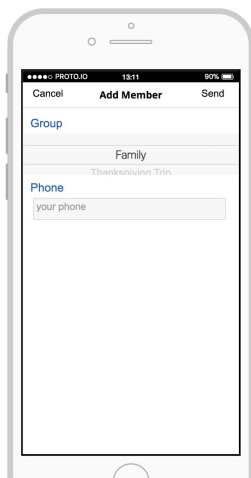
8. Aesthetic and minimalist design
   a. The page that shows an individual's past, current, and future could be made more simplistic. Since there are arrows provided for the user to flip to the past and future, it seems redundant to have "Past 24 Hours" below the container that allows users to flip through days.

9. Help users recognize, diagnose, and recover from errors
   a. The application's layout has consistent titles and texts to help users identify what is available to them and guide them throughout the application.
   b. "Your phone" text is confusing since user needs to type in name or number of another individual to add them to an existing group. This text should be changed so users can successfully add other members.

10. Help and documentation

a. The Pin Base application offers built in Frequently Asked Questions. If the user clicks on the menu icon, they can find FAQS option above the Log Out option. FAQs built into the application gives users quick access to answers to questions they may have.