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ECS 160 English Requirements

<div align="center">Homestay Manager Requirements</div>

When the app is opened (not suspended), the login screen is displayed.
The user has two options:
> 1. Put in username and password credentials
>> -If wrong username/password is entered, error is reported
>> -If username/password is entered incorrectly five times, a warning is displayed
>> and user is suggested to change password
> 2. Create an account (if user is new to the application)

Once user enters the correct credentials or completes the sign up form, they are taken to the main screen which has two main options (slide up for Student section or slide down for Host section). The user can also logout from the main screen and edit their initial profile information (a gear icon will represent settings/profile info). Finally, the user can click on a chat bubble to view messages from the administrator and enter group chat mode.

Student section
The Student section has a map/list view window with a side scroll bar with preference icons at the bottom of the screen. If the user slides up on the preference icons, a rectangular menu slides up. The user can select preferences within this menu (i.e. user can slide up on the animal icon and then tap on a greyed out cat icon; the cat icon turns green when it is selected. This means "cats are okay"). The user can then slide down to minimize the menu. Once the student has selected his/her preferences, the student now has two options:
> 1. Manual Selection - If the user taps "search," pins will drop on the map to indicate families that match (the exact location can be private, so the pin won't be an exact location).
> 2. Auto Placement - Before the user taps search, the user can tap preference icons to highlight red rings around the icon (one tap is low priority, two taps is medium priority, three taps is high priority, four taps will round robin back to no priority). If the user has any of the three red rings highlighted on any of the icons, the user has now entered Auto-Placement mode. Now when the user presses Search (which could now say "Auto-Search"), a list view of families is now shown in the map/list view window. These families are chosen based on the priorities that the user has selected and ranked highest to lowest.

If the user taps on a pin, or a family, a window will open which shows the student more information about the host family, and the student has the ability to submit for approval at the bottom of the host family view window (approval submission is sent to the administrator inbox). The user has the ability to go back from each window to get back to the main screen.

Host section

The Host section has the ability to add a listing or view/edit listings (the family may have multiple rooms, so they need the ability to add multiple listings). The listing option will walk the host very easily through adding information regarding their listing. Once the listing is created, they will be able to view their listings through the view/edit listings menu.

Administrator section

The administrator section is not customer-facing, so the administrator rights will be set up by the application developer (if someone is chosen to be the administrator, the app developer will set up their account with an "administrator" boolean set to true). The administrator can also download the application as normal users, but when they log in with their admin user credentials, they will automatically be directed to the administrator panel. The administrator panel has, by default, a message box that receives approval submissions from student accounts.

The administrator is responsible to view the message which will have the student / host compatibility report and make a decision to send a message each party with a time/date to connect in group chat. This message will send a notification to the user, and the message will show up in the chat bubble section of the main screen. When the group chat begins, the messaging will continue in a thread from the administrator message. The administrator/student/ host will agree on a time to connect, and the administrator will set up a group chat at that time. The administrator will mostly "host" the group chat.

> 1. The administrator will respond to "inappropriate flags for obscenity/profanity/etc in chats. If either user becomes intolerable in group chat, the administrator has the ability and responsibility to remove the user from chat and immediately decline the approval submission. Also, if a user gets flagged over three times, the user account will be removed.
> 2. If both host and student are amicable and decide to move forward, the administrator can approve the submission which will forward all information to each user (the host will receive all profile information from the student and vice versa). The host's listing will be turned off (will not show up in future searches until turned back on).

The host/student can then email/phone each other to complete their plans. The administrator's job (and app's job) is complete.