

Custom Program

COS30017 - Software Development for Mobile Devices

Daniel Parker 971328X

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1. Ideation

1.1. Rationale

I would like a way for people to be able to have instant messenger conversations around a particular topic whether that be a socially trending topic or just people in a common location such as a football game or lecture.

1.2. Vision Statement

Young adults today are socially active at all times and want to have in-depth conversations around a currently trending or popular topic. trendChattr is an instant messenger app which allows users to communicate based on a currently trending topic on social media or on room local to them. Unlike current social media platforms, which are geared towards one person stating their opinion and less on the discussion that follows, trendChattr will allow for very in-depth and focused discussion around a topic which will allow for true and extended input from all users.

1.3. Features

trendChattr will allow users to register a user handle much like on Twitter which they use to login to the app. The users can then select from a list of trending topics and local trends those which they would like to chat about and chat with other users inside those topics. Users will be able to create their own rooms based on their location and will be able to share a room on social media for others to get a link to it and join them.

1.4. Classification

Social

2. Exploration

2.1. Scenarios

1. As a social university student, I want to chat to my peers about the lecture topic during the lecture without disturbing the class.
2. As an aspiring politician, I want to have deep discussions with other Q&A viewers during the show's airing.
3. As a young person, I want to be able to talk to people outside my direct social network on certain topics as well.
4. As a young adventurous urban dweller, I'd like to be able to chat to others in the same bar that I'm at so that I can find new friends.
5. As an avid AFL fan, I would like to be able to chat to others about the game while it's being played.
6. As a news columnist, I would like to be able to create spaces for people to chat about the news that I'm reporting and to get their input on the issues at hand.

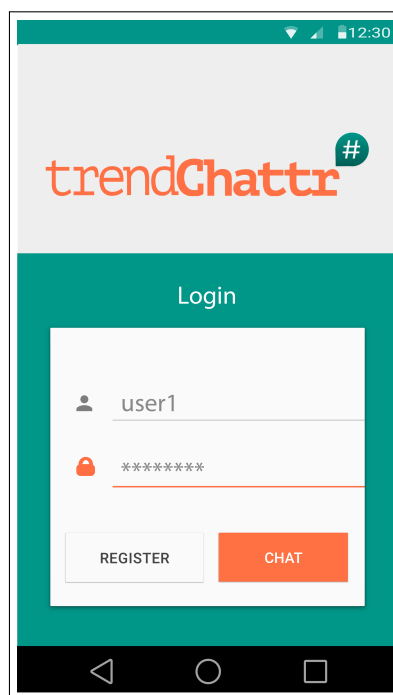
2.2. User Stories

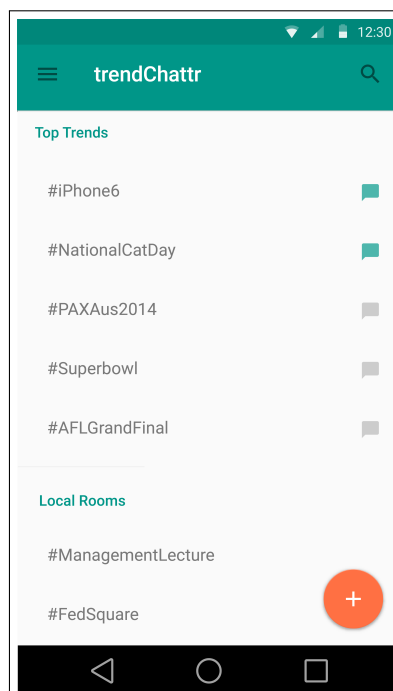
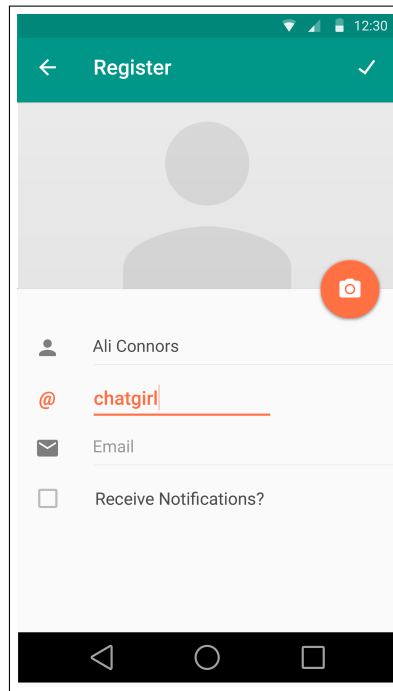
1. As a user, I would open the app and login but only the first time.
2. As a user, I would like to see a list of suggested trend chatrooms as the main screen.
3. As a user, I would like to create my own room for my current location or another location with a geographic radius of my choice.
4. As a user, I would like to see the other users usernames in the chatroom.
5. As a user, I would like to send messages to other users and see both mine and their messages in chronological order in the chatroom.
6. As a user, I would like to be able to register an account upon opening the application for the first time.

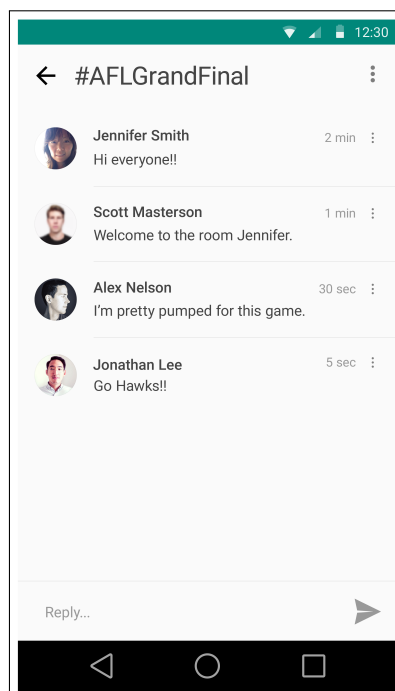
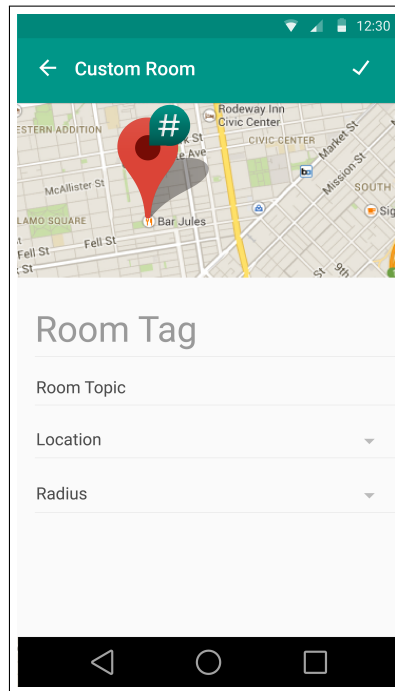
2.3. Constraints

- Chat communication over the internet
- Login as user (individual login)
- Custom rooms
- Rooms based on social trends
- Room sharing
- Location based rooms

2.4. UI Designs (Illustrator)







2.5. Questions

- Do the users link their accounts with twitter?