

Project Features: Milestone 2

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- **Landing/Home Page:**
 - This is where users will be able to see what chats they are a part of, what chats have had activity on them recently, and what direct messages they are a part of. It will also indicate what chats have unread messages.
- **Status:**
 - Allows each user to display whether they're available or not based on a color represented by their username.
- **Login:**
 - Allows the user to have and log into a unique profile to communicate with other users.
- **Messaging:**
 - Allows past messages to be displayed corresponding to who you received the messages from. It also allows you to see what you are typing based on what is being typed onto the keyboard. It also will have timestamps for each message on the app.
- **Notifications:**
 - Alert user of incoming messages
- **Sharing Embedded in the Chat:**
 - Allows links and videos to be shared on the chat. It will also access the users files so they can import pictures from their desktops/documents/etc.

Project Feature	Functional Reqs.	Non-functional Reqs.
Landing/Home Page	<ul style="list-style-type: none">- View/manage chat memberships- Group chats vs. direct message	<ul style="list-style-type: none">- Visuals (how it looks, formatting, colors, theme, design, how easy it is for the user to use, how nice are the buttons and corresponding button actions)
Online Status	<ul style="list-style-type: none">- Display user's status next to avatar	<ul style="list-style-type: none">- Status color- Eg. Online Offline Busy/Do not Disturb
Login/Register Page	<ul style="list-style-type: none">- Login<ul style="list-style-type: none">- Screen Name and Password- Check SQL Database for correct inputs- Register	<ul style="list-style-type: none">- Information for each user will be stored in a database- Password will not be displayed when user enters it

	<ul style="list-style-type: none"> - Name Field - Screen Name Field <ul style="list-style-type: none"> - Check SQL Database to prevent duplicates - Send to SQL Database - Password Field <ul style="list-style-type: none"> - Regex Authentication (8 characters or longer) - Send to SQL Database - Email Field <ul style="list-style-type: none"> - Regex Authentication (xxx@yyy.zzz) 	
Messaging	<ul style="list-style-type: none"> - This would display past messages and display what you're typing in a new message as you are typing it. - It would also have time stamps for when messages are sent. - Chatbox for typing - Timestamps for messages 	<ul style="list-style-type: none"> - Database can keep track of when messages are sent and display time accordingly
Notifications	<ul style="list-style-type: none"> - Alerts of when the user receives a new message - Email if direct message, or a lot of activity on group chat - Unread specifically 	<ul style="list-style-type: none"> - Notifications in the web app, can also email if the user receives a direct message or has lots of activity in a group chat
Sharing	<ul style="list-style-type: none"> - Allow user to share the link, picture, and video to each other 	<ul style="list-style-type: none"> - Embed videos / pictures in chat
Hosting	<p>*We are still looking into options for where to host our application. The options we are currently looking into are Heroku (or maybe any other public cloud).</p>	

Project Plan

Project Teams

Teams	Members
Front-end Team	Tahmina Justin
Connection Team	- Sahil
Back-End Team	- Qiuyang - Jia - Kyran

Project Timeline

Notes:

- Our week-to-week schedule will incorporate Tuesday as the beginning of every week as it is our weekly team meeting
- Connection team will work alongside both teams and help manage backlog

Week	Front-end Team	Back-end Team
Oct 15 - Oct 22	- Begin left bar for chat navigation	- Begin a SQL database to store chat messages, usernames, passwords
Oct 22 - Oct 29	- Complete left bar for chat navigation - Begin right bar for online status	- Complete a SQL database to store chat messages, usernames, passwords
Oct 28 - Nov 5	- Complete right bar for online status - Begin work on center section where chat is displayed	- Begin the functionality of importing and exporting messages into the database
Nov 5 - Nov 12	- Continue center section where chat is displayed - Messaging	- Complete the message functionality - Begin the development of push

	<ul style="list-style-type: none"> - Sharing - Notifications 	notifications and link/file sharing
Nov 12 - Nov 19	<ul style="list-style-type: none"> - Complete center section where chat is displayed <ul style="list-style-type: none"> - Messaging - Sharing - Notifications 	<ul style="list-style-type: none"> - Complete development of push notifications and link/file sharing
Nov 19 - Nov 26	<ul style="list-style-type: none"> - Complete login/register page <ul style="list-style-type: none"> - Regex Authentication - SQL username, password storage 	<ul style="list-style-type: none"> - Complete login functionality
Nov 26 - Dec 3	<ul style="list-style-type: none"> - Prepare for presentation 	<ul style="list-style-type: none"> - Prepare for presentation

Sprint Timeline

