**Team Get2gether** --

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**1. Introduction**

**1.1 Purpose**

The purpose of our application is to act as a personal secretary that helps the user, plan schedules, organize tasks/reminders, and keep track of their work. The application will use tools such as a chat, a calendar, and a meeting scheduler as well as reminder notifications to help manage their personal schedules.

**1.2 Background**

As a team, we struggled to find appropriate meeting times that would cater to each member. This application would be the solution to our problem, because its purpose is to organize both individual and group schedules. Also, as students we tend to procrastinate; however, with this tool, it can help a student keep track of their school work, upcoming exams, work schedules, social events (i.e. a family member’s birthday party), and any personal tasks (i.e. Dentist appointments) that they may have.

**1.3 Definitions, Acronyms, and Abbreviations**

Cal Calendar

Friends Social/connect aspect of application

Block Calendar entry

AWS Amazon Web Services

**2. System Requirements**

**2.1 Actor(s)**

Student - the main user

Amazon Web Services (AWS) - System Actor/Database Manager

**2.2 Uses Cases**

**2.2.1 Create account**

2.2.1.1 User enters new create account screen

2.2.1.1.1 User enters personal information (name, desired username, email, etc.) into predefined “Create Account” form (email available/email taken)

2.2.1.1.1.1 If email is currently available, proceed to next step

2.2.1.1.1.2 If email is already taken, output error message indicating email unavailability

2.2.1.1.1.2.1 Prompt user to re-enter form (this time with an available email address)

2.2.1.1.2 User is prompted to create a new password

2.2.1.1.3 New user account created

2.2.1.2 Tutorial mode (new user/existing user)

2.2.1.2.1 If account is newly created, tutorial mode executes automatically after password is created

2.2.1.2.2 If account is already existing, tutorial mode will execute on a need basis (i.e. it's selected by the user in the menu bar)

**2.2.2 Log in**

2.2.2.1 User is prompted to enter login information (login valid/invalid)

2.2.2.1.1 If valid, user’s brought to main dashboard

2.2.2.1.2 If invalid, user is prompted to enter login info again

2.2.2.2 Account Recovery (forgot username/forgot password)

2.2.2.2.1 If forgot username, enter email used at account creation (found/not found)

2.2.2.2.1.1 If found, user’s username is retrieved by system and outputted to the screen

2.2.2.2.1.2 If not found, an error message indicating that email address is not found is outputted

2.2.2.2.1.2.1 User is prompted to enter email address once again

2.2.2.2.2 Enter username or email used at original account creation (found/not found)

2.2.2.2.2.1 If found, user is prompted to enter a new password

2.2.2.2.2.2 If not found, user is prompted to enter username/email again

**2.2.3 Calendar**

2.2.3.1 Add block

2.2.3.1.1 Insert an Event Series

2.2.3.2 Delete block

2.2.3.2.1 Delete an Event Series

2.2.3.3 Edit block

2.2.2.3.1 Edit an Event Series

2.2.3.4 Share Personal Calendar

2.2.3.5 Layover multiple schedules over one calendar in group

2.2.3.5.1 Choose which group users calendars to view currently

2.2.3.5.2 View none/all calendars

2.2.3.6 Highlight block with cursors

2.2.3.6.1 Display other members event series

2.2.3.7 Allow temporary user changes to group schedule

2.2.3.7.1 Give option to allow changes to group schedule to change personal calendar

2.2.3.8 Allow group members to highlight and choose open spaces on calendar

2.2.3.9 Provide scheduling tips to open free space if necessary

**2.2.4 Friends**

2.2.4.1 Search for friends

2.2.4.2 Add friend to friends list

2.2.4.3 View friends list

2.2.4.4 Add selected friends to a group

2.2.4.5 Direct messaging

2.2.4.6 Suggest mutual friends

2.2.4.7 Request to see calendar

2.2.4.8 Accept/Reject friend requests

**2.2.5 Group**

2.2.5.1 Create/Name group

2.2.5.2 Merge individual calendar into group calendar

2.2.5.3 Group messaging

2.2.5.4 Privacy modes

2.2.5.5 Calendar change notifications

**2.2.6 Chat**

2.2.6.1 Sending a message

2.2.6.2 Delete a message

2.2.6.3 Edit message

2.2.6.4 Group Messaging with selected users

**2.2.7 Log off/Delete account**

2.2.7.1 Pop up logout confirmation (logout yes/no)

2.2.7.1.1 Application closes after confirmation (user hits yes)

2.2.7.1.2 Window returns to previous screen (user hits no)

2.2.7.2 Pop up delete account confirmation (delete account yes/no)

2.2.7.2.1 Account deletes (user hits yes)

2.2.7.2.1.1 Display confirmation pop up

2.2.7.2.1.2 Application returns to login screen

2.2.7.2.2 Window returns to previous screen (user hits no)

**Features**

Login screen

Account creation

Account recovery

Calendar of events

Create edit delete events

Import to group calendar

Set reminders

Prioritization of Homework/Tasks

Groups

Create edit delete groups

Add edit delete from friends groups

Group calendar

Group chat

Private chat

Friends list

Add delete friends

Invite friends to group