<u>*Tendee*</u>
Team 9 Project Backlog

----Chaolun Shao, Altug Gemalmaz, Avinash Prabhakar, Chau Minh Nguyen

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Problem statement:

Meeting with people has been a challenging process for everyone. In the past, when wanting to meet face to face, people didn't know the availability of the other people. Since then the technology has improved and why not have a phone application that simplifies this problem. Any person that uses <u>*Tendee*</u> will be able to create an account and put their availability onto their schedule. A person who wants to meet with another will be able to search through the application and find that particular person's schedule. Looking at the availability of that person, a user will be able to book a time with that user. This appointment will be visible to both of the users.

Background Information:

We believe that appointment creation would be easier if there was a simple application which was tracking the appointments. Appointments are such a fundamental thing in our life that we have them everyday. Since we have so many we tend to forget which one is when. Google Calendar has done a great job of keeping everyone's calendar, but it has not supported much booking calendar with other people. We thought it would be good if we know people's available time and set up meetings with them. Developing using mobile phone platform is our choice because people nowadays mostly have access to smartphones. We can use phone to book hotels and use Uber to call transportation. Therefore, using a phone app to book an appointment will also simplify our life.

Environment:

Since our target is Android phone platform, we will use Android Studio with Java as our main programming language. We will run our server on AWS EC2. For database, we will be using AWS RDS to help with storing and fetching data.

Requirements:

Functional:

Backlog ID	Functional Requirements	Hours	Status
1	As a user, I would like to register a new account by using email	4	Completed in Sprint1
2	As a user I would like to login using my email address	4	Completed in Sprint1
3	As a user, I would like to log out my account.	5	Completed in Sprint1
4	As a user, when I forget my password I would like to reset it through email.	6	Completed in Sprint1
5	As a user, I would like to manage my profile.	8	Planned for Sprint 2
6	As a user, I would like to change my password using my old password.	5	Completed in Sprint1
7	As a user, I would like to check my appointments	10	Planned for Sprint 2
8	As a user, I would like to set my available time	8	Planned for Sprint 2
9	As a user, I would like to mark my available time to unavailable.	8	Planned for Sprint 2
10	As a user, I would like to find other users by using email searching.	10	Planned for Sprint 2
11	As a user, I would like to check the profile of other users.	10	Planned for Sprint 2
12	As a user, I would like to make appointment with other users.	8	Planned for Sprint 2

13	As a user, I would like to view the available time of other users and to select available time when making an appointment.	8	Planned for Sprint 2
14	As a user, I would like to leave my information including name, email, phone and reason for meeting when making an appointment.	6	Planned for Sprint 2
15	As a user, after I made appointment, it should appear on the target user and my own schedule	6	Planned for Sprint 2
16	As a user, I would like to receive email when I made an appointment successfully.	6	Planned for Sprint 2
17	As a user I don't want to see inappropriate language on my schedule.	6	Planned for Sprint 2
18	As a user I would like to delete a appointment.	6	Planned for Sprint 2
19	As a user I would like to block another user from making an appointment with me.	5	Planned for sprint 2
20	As a user I would like to add more than one users to an appointment	6	Planned for sprint 2

Non-Functional:

Backlog ID	Non-Functional Requirements	Hours	Status
22	As a developer, I would like to run this app on an Android device	4	Completed in Sprint1
23	As a developer, I would like to keep users' personal information secure.	5	Completed in Sprint1
24	As a developer, I would like to allow more than 20 users to use this app simultaneously.	8	Planned for Sprint 2
25	As a developer, I would like to run the back end in Firebase	10	Completed in Sprint1
26	As a developer, I would like to store our data in Firebase	8	Completed in Sprint1

Use Cases

Case: Create user account

Action	**System Response**
1. Click Create Account button.	2. Opens page which takes user input.
3. Input desired username,password,etc	4. Creates user and logs him in.
	5. Move to main page.

Case: User log in

Action	**System Response**
1.Click Login Button.	2. Opens page where user can enter Credentials.
3. Input credentials.	4.Logs in user and move to main page.

Case: User log out.

Action	**System Response**
1.Click navigation drawer side.	2. Opens up navigation drawer from left
3.Click logout button.	3. Move to login page.

Case: User forgets password

Action	**System Response**
1. At login page, press forget password button.	2. Email is sent to email address of the user which shows his password.

Case: User resets password

Action	**System Response**
1. At login page, press reset password Button.	2. Opens up page where user can make new Password.
3. User enters old password once and new password twice. Then user clicks The confirm button.	4. Password is changed to the new one.

Case: View and edit profile

Action	**System Response**
1. At main page, click navigation drawer	2. Opens up navigation drawer from the left side.
3. Click profile button.	4. Opens up profile page.
5. Click on the detail to edit.	6. Opens up a page where user and enter the change.

Case: Search for other user

Action	**System Response**
1. At main page, click search button.	2. Opens up page with a search bar.
3. Click search bar and enter email of the desired user.	4. Displays the email of the desired user.

Case: View user schedule

Action	**System Response**
1. At main page, click my appointment the Button.	2. Open page and display the schedule of user.
2. Click on a section on the schedule to see more details.	4. Opens up a dialog which shows details about the event during the time.

Case: Select availability

Action	System Response
1. Navigate to schedule page.	2. Pulls up schedule of the user.
3. Click on the top right plus button.	4. Opens up a dialog where user can select time when they are free or not.
5. Enter time where user is available or not.	6. Schedule is updated.

Case: Schedule appointment with other user

Action	System Response
1. Navigate to search page and Search for desired user.	2. Displays email of the user.
3. Click the email of the desired user.	4. Opens up a page which displays details of the desired user.
5. Click the Make Appointment button	6. Opens up a page where user can enter The details about the appointment.
7. Enter time, reason etc for appointment And press DONE button.	7. Appointment is confirmed and return to main page.