

Jonathan Probert
Joshua Wentling
Jonathan Doerr

Group 11 Daily Journal

Project Description:

Journaling apps typically record just a text log, like a virtual diary, but our speech and actions contain a lot of information that describes how we feel. A journaling app that can record your speech, and possibly pictures you take (e.g. a selfie, your facial expressions tell a lot about you), or what activity you're engaged in, can all be used to find relationships in describing how you feel. The app can allow the user to start/stop an activity, record microphone, text, sensor data, as well as reminders and notifications about their activity, etc., all tagged with a timestamp to track the start/end of the activity. Also, making the app more accessible by deep linking through text messages to open/download the app.

Components and functionalities:

- Registration, login, and database with Firebase for security and storage
- Audio recorder for recording voice
- Notification/Notification Manager for reminders
- EditText for recording any user input text
- Calendar and time classes to track time start and finish
- Camera API for adding pictures to the journal

Architecture

- App will utilize a simple yet organized layout for intuitive operation
- Users will initially be presented with a login page to register or log into an existing account
- Once logged in, the user will be redirected to their main page with a list of previous journal entries and an option to add a new journal entry. They will be able to adjust the sorting of previous entries as well.
- The journal entry addition activity will have a large text box for users to type their entry into as well as buttons for speech recording and addition of photos.
- The hamburger menu will allow the user to access and change settings related to their account, notification preferences, etc.

Responsibilities:

Jonathan Probert:

Audio, editText

Joshua Wentling:

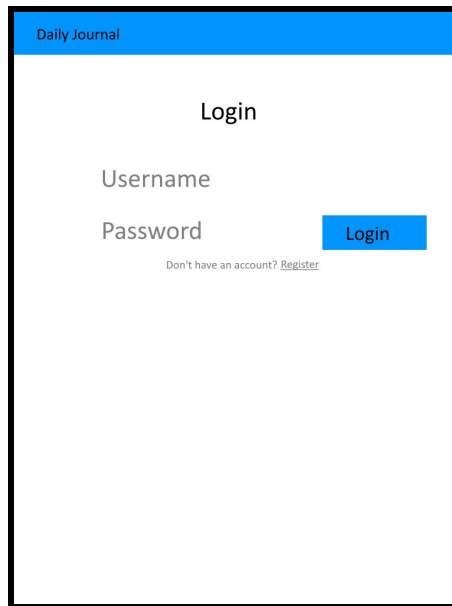
Notifications, Login

Jonathan Doerr:

UI/Layout, Camera API's

Together: database (since none of us are that comfortable with the firebase database we will more or less work together in figuring out how to store our text, picture and audio data inside the database)

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Daily Journal

Login

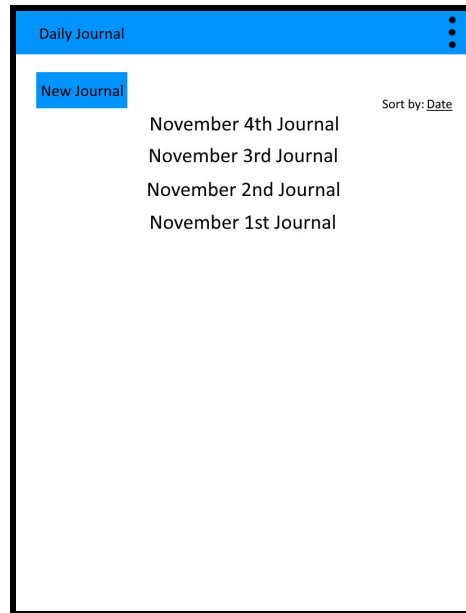
Username

Password

Login

Don't have an account? [Register](#)

The user will login from the login screen and will be brought to the main activity which lists the current journals and allows them to make new ones.

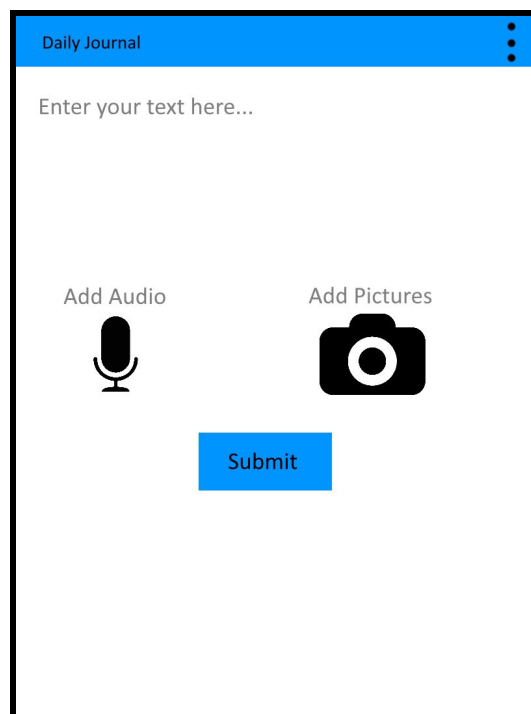


Daily Journal

New Journal

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- November 4th Journal
- November 3rd Journal
- November 2nd Journal
- November 1st Journal



Daily Journal

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