Installation guide/ User manual

The following steps provide information on how to successfully open the SandwichStory mobile app:

1.) Install android studio https://developer.android.com/studio/index.html
2.) To download SandwichStory,visit https://github.com/alswilli/SandwichStory and click the green "download" button, and select the "download zip" option
3.) Unzip the file in the directory of your choosing. If you cannot unzip the file, install http://www.7-zip.org/
4.) Open android studio
5.) Go to file > open > and find the SandwichStory folder on the directory where it was unzipped
6.) Decide to whether load a new window or to open the folder in your current window
7.) Create a virtual device or plug in your own android device (use google if you have trouble)
8.) Press the green play button in the top toolbar to load SandwichStory onto the device of your choice

Sometimes Android Studio can be a bit finicky, so if you find the project won't build, try going to Build>Clean Project and rerunning the application.

The following steps provide information on how to use the SandwichStory mobile app:

Overview:
- **Navigation**
  - When the application is opened, you will see a navigation bar on the top of your device.
  - The navigation bar has four tabs, with the first tab starting from the left showcasing your created sandwiches
    - You can click on a sandwich to see its recipe instructions, along with its name, ingredients and image.
  - The second tab displays recipes for traditional sandwiches and developer made sandwiches for you to browse
    - You can click on a sandwich to see its recipe instructions, along with its name, ingredients and image.
  - The third tab gives you the opportunity to create a sandwich and gives you the option to share your creation with the world (in a global database)
  - The fourth tab displays all sandwiches that have been added to the database. There is also a search option where you can search for sandwich names/ingredients
    - You can click on a sandwich to see its recipe instructions, along with its name, ingredients and images.

- **Creating a sandwich**
    1.) Click on the third tab from the left
    2.) You will see a layout, where you MUST fill in all required information (name, ingredients, photo, and recipe instructions) in order to create a sandwich
        a.) Press the "+" button to save an ingredient
        b.) Press the "x" button in the ingredient list box to remove an ingredient
    3.) When adding ingredients, you have to opportunity to specify a quantity, ratio, and measure
    4.) When adding a photo, you have the option to select from your camera roll or capture a photograph
    5.) Press the save sandwich button at the bottom of the page
        a.) You have the option to share your sandwich on both the database and locally by clicking yes or just locally by clicking no
    6.) Refer to the editing/deleting a sandwich instructions if you think you have made a mistake

- **Editing a sandwich**
    1.) When you click a sandwich, the sandwich details will appear on screen with two buttons which say edit and delete at the bottom of the page.
    2.) If you click the edit button, you can then change any of the sandwiches contents (reference creating a sandwich), and then save the sandwich by clicking the save sandwich button
        a.) You can store to the database and/or locally
    3.) If you click the delete button, the sandwich is deleted from your local device
        a.) Click yes on the pop-up menu to confirm that you wish to delete your sandwich

- **Library**
    1.) When you go to the library tab, a list of sandwiches will appear from users all over the world
    2.) You can click on a sandwich which will display its contents with a save button at the bottom of the page
    3.) If you like the sandwich, you can add it to your local list of sandwiches by clicking the save button
    4.) Clicking the search bar will allow you to type in name/ingredients and pressing enter will display the search results on screen
        a.) From here, you can add to your local list from these results