

First Iteration

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Challenges: Because we separate the front end with back end into two parts, and work on these two parts at the same time, when we integrated these together, the software did not work. Because the front end is written using React, the backend logic and the interaction between the front end and back end is different.

2.

(1). As a user who want to change the wallpaper, I want to browse wallpapers, so that I can choose one I want to use. My conditions of satisfaction is having a access to the high-quality wallpapers.

(2). As a wallpaper designer/creator, I want to share my works with others, so that others can use my wallpapers. My conditions of satisfaction is that I can upload my works and they can be viewed and downloaded by others.

(3) As a user, I want to see more wallpapers of a specific topic not only from the community so that I can have more options. My condition of satisfaction is that I can search the keyword in the software and get its pictures back.

(4). As a person who often uses PC to work and entertain, I want to change my wallpaper automatically so that I can save time. My conditions of satisfaction is I can set wallpaper directly from the software.

In our MVP, we finished part of our user stories. The overall proposal is not changed.

3.

Before commit, we will run the precommit hooks first, it will run the bug finder(ESlint) to find code smells and unittest we wrote on the files that have changes. If it fails, it won't commit.

After push to the Github, CircleCI will first run bug finder and unitests on all files .

Tools: CircleCI, ESLint, Jest, Git Hook

4.

<https://github.com/cdong1995/wallpaper-ase>
release 0.1