

Team 27: Raccoon Bytes



Team Members

Anvitaa Sekhsaria: Designer, Developer

Chad Wall: Build, Testing

Katie Hsieh: Designer, Testing

Mingyang Wang: Developer

Nirmal Agnihotri: Developer

Ruisen Huang (Ray): Developer

Tsun Wai Siu (Ron): Developer

Varun Singh: Lead, Build, Testing

Zihao Kong: Lead, Testing

Our Repo

<https://github.com/Zihaokong/cse110-w21-group27>



Repo Structure

- Main directories
 - __tests__
 - admin
 - cypress
 - images
 - source
 - specs
- Issues/Projects
- Actions
- Wiki
 - Code Documentation
 - Design Documentation
 - Pipeline Documentation
 - Testing Documentation
- Small Change to Repo

Retrospective



Agile Process Victories

- Daily standups on Slack (upload to repo)
- Weekly meetings: planning and reflecting on previous week, and good attendance as well
- Good collaboration and pair programming
- Following sprints consistently, catch up with feature deadlines on time
- Improvements after sprint retrospectives:
 - Improved on using issues during sprint 2 (started using issues more with formal template to organize what we were doing, assigned members to issue)
 - Improved on keeping project board up to date
 - Improved on adding more documentation

Agile Process Challenges

(What could be
improved)

- More formal structure for commits and pull requests
- More formal branch conventions
- More consistent styling conventions across all code
- Having a structured reviewing rotation so all members review equal amounts of code
- Using project board more to visually organize issues
- More detailed issues to keep track of tasks
- More smaller and more frequent commits and PRs so that code could be tracked and reviewed more easily

What To Do Next

(Future Ideas)

1. Support mobile devices
2. More in-depth stats page
3. Keyboard shortcuts
4. Better color scheme for users with color blindness
5. More customization features (such as study music, controlling volume, dark mode).
6. Being able to adjust settings for custom timer times, display themes, etc.
7. Support different languages
8. Implement other APIs like Spotify for study music
9. Improve responsiveness of application for different screen sizes

Thank you!

