Team PorkBelly
Meeting Minutes
6th September, 2021

Meeting started at 2:06pm
Attendees: Walter, Shang Zhe, Parit, Yujian, Richard

Shang Zhe mentioned that Typescript interfaces disappears from the compiled code. Because implementation of these interfaces are exported in 'functional classes,' he stated that these may not be well modelled with a Class diagram. Walter will consider using a sequence diagram to capture these dynamic units of code.

Updates on the backend: server.ts was able to support rendering front end by returning a static page that contains the compiled version of the router. This router would intercept webpage navigation changes while changing the address bar. Navigating via manually typing in the address bar would reconstruct the app, but Shang Zhe was confident that it would not be disruptive to the user flow.

Implementation for most of the life-cycle functions was completed. Most notably, implementCard, implementCardOverride, functions private to the App.ts file housed functionality for creating concrete instances of ICard with differing commit, update and delete implementations. External components should not be able to access these factory functions.

In order for components to load up a new card, components should fetch the AppContext implementation using useApp(), then should call the newCard() method. In order for the panel to receive information about which card, it should use showCardDetail(). For the Home page, useApp() would allow access to the user instance. This could be used to create a shallow copy (through Array.filter or Array.copy) of their cards for showcase. Individual Card Components would need to contain a reference to their respective ICard. This would be passed this reference into the showCardDetail() method. The IUser Structure was set to readonly and cards unmodifiable to enforce this.

Discussions during workshop:

Shang Zhe suggested opening a task for implementing more tests to improve the code coverage. Integration testing could be done for the modules on the back-end, however front-end testing would require a browser test.

Shang Zhe demonstrated how to login through using the browser console. This was used for reaching webpages that require authentication on the browser.

Post Standup:

Walter asked about image manipulation Shang Zhe's lifecycle. Shang Zhe's reported that his PR was not responsible for implementing that. Richard stated that image processing was covered under his issue. He clarified that JIMP would be used to receive, verify and compress the image into at most 0.9MB for back-end acceptance. The img src attribute allows a base64 string to encode an image.

Meeting ended at 4:54pm