Though we have realized a lot of functions in our app, there are also a lot of issues to be solved.

Because we didn’t spend much of our time on the news page, half of our issues lies in news page.

The first one is the details of the news page. For some of the news rendered in the news page, whose details doesn’t have a further html link, we can’t click to see their details. But fortunately, we add a function to predicate if it has a further page and remind the users of the result using alert method.

The second issue in the news page lies in the search bar. In our original design, users can input the address of other websites in the search bar to view other pages. But users must add https:// to be the prefix of the url to navigate to the right page.

The third issue is not about the news page but our layout in the user interface. We used the dimensions method in only parts of our components. So, when we use other phones after our development, we found that our layout is not compatible with all kinds of Android devices, which means that the size of some components may influence the visual effect.

And next thing is about the pull-to-refresh method. Considering that our data needs to be updated in time, it’s necessary that in every page we need to add the real-time-pull-to-refresh method. But we’re sorry that we realized the function in only news and rankings screens.

The last thing is about our API, we didn’t find a proper API for NBA news, so we only used the API of NetEase Sports News. So, you’ll see later in our demonstration that the news page contains not only NBA news but also news of other sports. And another thing we’re sorry for is that it’s in Chinese but not English.

The next part is the extra credits.

First, we have added a lot of optimizations in our app. The first thing is about the optimization of memory by using react-native-screens. Our app contains a lot of navigation to render the screens, which will increase memory usage. By using the react-native-screens, the switch between navigators will be smoother, which you will see in the later demonstration.

Second, we use the material-bottom-tab-navigator to realize a different performance of switching tabs.

The third credit in our opinion is that our search bars can judge a few wrong inputs. If you entered a wrong name or a wrong date, it will remind you of your input errors.

And the last credit is that we have reminders for users of no data or no games instead of showing nothing.

So here comes the conclusion of our project.

In the process our development, we did a lot of things.

We have realized a lot of functions with a good user interface, and we also had a good code organization, you can see more details of our project in our github repository Capstone-Project.

But still we have a lot of enhancements to be done. We need to modify our source codes to make our app adaptable to all kinds of Android devices. We also want to add a drawer to realize the function of users’ login, so that they can see more things about their favorite teams exlussively. And last but not least, we must optimize our news page. Maybe we need to find another proper API, fix the bugs of the search bar to make the users’ using experience better.

And that’s all of our introduction, thank you.