COVID19 informational App

*We aim to deliver a fully functional Android app with the following requirements and specifications:*

Specifications

*Each part here represents a* ***module*** *in the project, which is translated to a* ***sprint****:*

1. Provides the following coronavirus-related information:
   1. Positive cases per state
   2. Death cases per state
   3. Date of most recent update
2. Simple-to-use, basic user-interface
   1. The user inputs a state or US
   2. The info mentioned in part 1 is displayed back to the user.
3. Comprehensive test plan for backend and frontend

Requirements

*An overview of the required tasks to complete the specifications:*

1. Backend -
   1. Integrate with an API to receive the necessary information.
   2. Be able to parse the info received and extract the specific piece of data the user requested.
2. Frontend –
   1. A spinner to help the user pick the desired state, (or the US as a whole).
   2. Buttons the user can interact with
      1. Get Data button
      2. Save a snapshot of current data locally
   3. Display the data in a clear manner
3. Testing –
   1. Develop a comprehensive test plan for backend and frontend
      1. Unit testing
      2. Integration testing
      3. User testing – Testfairy demos for user feedback on app.
   2. Document testing process and store the data used for testing.
4. Collaboration –
   1. Github – shared repo that will include the entire project.
   2. Trello – scrum board to help keep track of the project’s progress