1. **Sprint 1**
   1. Features Implemented
      1. Didn’t really implement any features, instead we all collaborated on initializing our documentation, and began the process of deciding what environments we were comfortable using.
   2. Issues Fixed
      1. N/A
   3. What Went Well, Problems We Had & Solutions
      1. Whenever we met in person, we were able to solve all our problems with relative ease. However, the issues occurred when we would go a few days without meeting and end up not knowing what progress everyone had made. We decided to have scheduled meeting times every week.
   4. Changes Made
      1. Created all the documents for the deliverable.
   5. Plans for Next Sprint
      1. We are hoping to get a UI shell up and running for our application during the next sprint.
   6. How Are Scrums Went
      1. Scrums went well. There wasn’t an opportunity for a lot of roadblocks, as we weren’t really coding yet. We decided to do our online scrum meetings earlier in the day, so that if someone was busy at night, they wouldn’t miss out.
2. **Sprint 2**
   1. Features Implemented
      1. Implemented a working URL that leads to a generic UI page.
   2. Issues Fixed
      1. There weren’t any existing issues for us to fix. No issues found at this time.
   3. What Went Well, Problems We Had & Solutions
      1. Once everyone had configured their environments, no real issues occurred. However, we had some difficulties getting everyone into AWS with the permissions required to contribute. We resolved this during our in-person meeting, where those of us who had already done were able to manually help others.
   4. Changes Made
      1. We all decided to move to AWS CodeStar for our main hub. Because of this, we are all able to use different IDEs based on what we’re comfortable with (if the IDE can connect to GitHub).
   5. Plans for Next Sprint
      1. We’re hoping to the get basic sign-in functionality implemented during the next sprint.
   6. How Are Scrums Went
      1. The scrums went well, the only issue being the quantity. We all had pretty busy schedules during this sprint, and therefore didn’t hold as many meetings. This lead to slight miscommunication during the sprint, which will be resolved.
3. **Sprint 3**
   1. Features Implemented
      1. Set up the back-end functionality of user sign in and sign up.
      2. Further improved UI.
   2. Issues Fixed
      1. Fixed issues where team members couldn’t contribute due to not having proper permissions in AWS.
   3. What Went Well, Problems We Had & Solutions
      1. We had a much better time communicating and designating tasks this time around.
      2. One area where problems arose was figuring out how to do account creation, and user authentication. We went with AWS Cognito, and it was pretty difficult to learn how to integrate their APKs with our application. We watched videos and read AWS Cognito documentation to learn up on the topic.
   4. Changes Made
      1. Changed UI elements to have actual functionality.
   5. Plans for Next Sprint
      1. Finish use authentication
      2. Create tracking scripts and algorithms
   6. How Are Scrums Went
      1. The scrums went well, however we didn’t leave much time for Sprint 3, so tasks had to be completed quickly. This led to some miscommunication between scrums, though nothing serious occurred.
4. **Sprint 4**
   1. Features Implemented
      1. Working on the API lambda function.
      2. Start Database manipulation API lambda.
      3. Further improved UI.
   2. Issues Fixed
      1. Not really has Issues at this time.
   3. What Went Well, Problems We Had & Solutions
      1. We have smoothly implemented for API lambda functions.
   4. Changes Made
      1. Changed UI elements to have actual functionality.
   5. Plans for Next Sprint
      1. Finish API lambda function
      2. Create SQL database
   6. How Are Scrums Went
      1. We didn’t have that much Scrums this time. We were confused who is masters this time at the beginning. We start to work earlier this time and didn’t meet much issues so much meetings.
5. **Sprint 5**
   1. Features Implemented
      1. Continue the API lambda function and Database manipulation API lambda.
      2. Start making test for tasks.
   2. Issues Fixed
      1. Not really has Issues at this time.
   3. What Went Well, Problems We Had & Solutions
      1. We complete the data API functions.
      2. Database is almost done. Haven’t meet much problems yet.
   4. Changes Made
      1. Nothing change from last Sprint
   5. Plans for Next Sprint
      1. Finish API lambda function and database
      2. Taking tests and Removing bugs
   6. How Are Scrums Went
      1. We didn’t have that much Scrums this time and not much meeting. School days works for us to make some good deals. We would add more Scrums in next Sprints.
6. **Sprint 6**
   1. Features Implemented
      1. Our features are done being implemented. Instead, we worked to improve our documentation and add quality of life changes.
   2. Issues Fixed
      1. Fixed an issue where entering an invalid stock symbol would freeze the application.
   3. What Went Well, Problems We Had & Solutions
      1. Had difficulty balancing this deliverable with Exam 2, and studying for our finals.
   4. Changes Made
      1. Nothing changed from last Sprint
   5. Plans for Next Sprint
      1. N/A
   6. How Are Scrums Went
      1. Didn’t have many scrums. What we did do, we mainly discussed how to improve our documentation scores, and it went fairly well.