# Sprint Review and Sprint Retrospective 5 - Team Ethernet

* Features implemented
  + implemented points and a purchasing system for the avatar customization
  + implemented the population of the homepage with information from other pages
  + implemented task functionality
  + updated tests
  + updated documentation
* Issues fixed
  + fixed task functionality
  + shared DTD doc with Dr. Greg
  + fixed faulty test
* Implementation review
  + *What went well in the implementation*
    - avatar customization functionality went smoothly
    - test updating went smoothly
    - full task functionality implementation went well
  + *What problems occurred*
    - there was a bug with the task page (when one thing was changed another thing broke)
    - When writing tests for coverage using AI, the AI wanted us to use direct node access, which VSCode didn’t want.
  + *How problems were solved*
    - re-evaluating and slightly changing the code to fit both pieces
    - We got really specific with the prompt to specify not using direct node access methods.
* Changes made
  + finished implementation for task page; added implementation for avatar page; added implementation for backend communication
  + updated the class design diagram to reflect current code

* Plans for next sprint *(What will be done for the next sprint)*
  + If we were to have another sprint, we would like to implement a sleep tracker page.
  + If we were to have another sprint, we would like to implement more AI use in the application.
  + If we were to have another sprint, we would like to implement a food tracker page.
  + If we were to have another sprint, we would like to implement reminders for tasks.
* Sprint Retrospective
  + *What went well?*
    - pair programming was done quite a bit and helped further implementation
    - communication between the team members was good
  + *What could be improved?*
    - we again could improve upon our updating of the kanban board
  + *What will we commit to improve in the next Sprint?*
    - *What changes will be made to how we work for the next sprint?*
      * *Fill in the table below*
      * *Then enter it into the project management / task tracking system*

| *Change* | *Who will be responsible for the change* | *Who will check in on the change half-way and when* |
| --- | --- | --- |
| *update the Kanban board more often* | *Everyone* | *We will all check in periodically through our meetings and through the Discord Chat to ensure the board is being properly updated to reflect the current work.* |

# Sprint Review and Sprint Retrospective 4 - Team Ethernet

* Features implemented
  + Updated documentation
  + Implemented sign-up and log-in classes
  + implemented user interface for the avatar page
  + Implemented Majority of Task functionality

* Issues fixed
  + Deliverable 3 revisions
  + Improvements to teamwork
* Implementation review
  + *What went well in the implementation*
    - avatar page ui went smoothly
    - task page functionality went pretty well
    - implementing log-in and sign-up went smoothly
  + *What problems occurred*
    - Test-driven development was hard to get ahold of
    - We struggled a bit with formatting for the task modal
  + *How problems were solved*
    - We talked about the tests we were writing and helped each other
    - We worked together on the modal code and communicated well to resolve the issues.
* Changes made
  + added class design diagram and design pattern
  + added avatar page ui and more implementation
  + began backend implementation
  + refactored and cleaned up code to make it easier to work with and understand
* Plans for next sprint *(What will be done for the next sprint)*
  + The avatar page functionality will be implemented
  + The implementation for the task page will be finished
  + The homepage will be populated with data from the other pages.
  + Backend implementation will be finished
* Sprint Retrospective
  + *What went well?*
    - communication and teamwork went well this sprint
    - paired programming and group work happened often and was productive
  + *What could be improved?*
    - *we could continue to work on team and pair work to avoid falling back into a quiet and noncommunicative group*
  + *What will we commit to improve in the next Sprint?*
    - *What changes will be made to how we work for the next sprint?*
      * *Fill in the table below*
      * *Then enter it into the project management / task tracking system*

| *Change* | *Who will be responsible for the change* | *Who will check in on the change half-way and when* |
| --- | --- | --- |
| *plan group work and pair programming time early* | *the people* | *Involved members of the particular section of the implementation will check in when paired programming or group work is desired.*  *We will also devote time during our sprint kickoff to planning these group sessions* |

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# Sprint Review and Sprint Retrospective 3 - Team Ethernet

* Features implemented
  + Updated Documentation
  + Implemented Registration Page
  + Implemented Task Page
  + Started Task Functionality
  + Implemented Homepage
* Issues fixed
  + Deliverable 2 Revisions
  + Updated UI mockups based on Usability Testing
* Implementation review
  + *What went well in the implementation*
    - Documentation revision went smoothly
    - Communication between members was effective
  + *What problems occurred*
    - Figuring out how to write tests was difficult
    - We had a bug in a recent merge that was pushed to the team repository; it made it so the project wouldn’t run anymore.
  + *How problems were solved*
    - We looked at web sources and had efficient discussions among the group about how to write the tests.
    - We met and discussed the problem before finding and eliminating the faulty code.
* Changes made
  + added domain model
  + added pages in project implementation
  + updated use case descriptions
* Plans for next sprint *(What will be done for the next sprint)*
  + Implement the sign-in/up classes
  + Implement the Firebase API
  + Implement task functionality
  + Implement Avatar Page
* Sprint Retrospective
  + *What went well?*
    - Issue deadlines that were set were hit to not disrupt workflow.
    - Communication and team meetings went well.
    - Implementing extra credit things for this deliverable to lessen Deliverable 4’s workload also went well.
  + *What could be improved?*
    - Time management and more scheduling of pair programming time.
  + *What will we commit to improve in the next Sprint?*
    - *What changes will be made to how we work for the next sprint?*
      * *Fill in the table below*
      * *Then enter it into the project management / task tracking system*

| *Change* | *Who will be responsible for the change* | *Who will check in on the change half-way and when* |
| --- | --- | --- |
| *Schedule more pair programming and group work time.* | *Everyone* | *Involved members of the group will check in when there is a specific task where pair programming or group work is desired.* |

# Sprint Review and Sprint Retrospective 2 - Team Ethernet

* Features implemented
  + Updated documentation
  + Implemented Sign Up/In Page
  + Implemented React’s Routing Features
* Issues fixed
  + Deliverable 1 Revisions (requirements in SRS and wiki)
  + Updated UI mockups
* Implementation review
  + *What went well in the implementation*
    - Documentation revision went smoothly
    - Formatting of the web application went well
  + *What problems occurred*
    - Routing for the web application was difficult to get working in the beginning.
  + *How problems were solved*
    - Looked at past teams’ GitHub repositories and looked into specific errors in React’s Documentation
* Changes made
  + added the quality-checking policy to the wiki
  + added UI mockups
  + added Use Case Diagrams and Descriptions
* Plans for next sprint *(What will be done for the next sprint)*
  + Implement more pages and feature for the web application (eg Sign up, avatar page, etc).
* Sprint Retrospective
  + *What went well?*
    - Collaboration on the GitHub went well
    - Team members worked efficiently and completed their tasks
  + *What could be improved?*
    - We could improve on keeping the Kanban board up to date with what we are currently doing (eg moving tasks to other columns).
  + *What will we commit to improve in the next Sprint?*
    - *What changes will be made to how we work for the next sprint?*
      * *Fill in the table below*
      * *Then enter it into the project management / task tracking system*

| *Change* | *Who will be responsible for the change* | *Who will check in on the change half-way and when* |
| --- | --- | --- |
| *update the Kanban board more often* | *Everyone* | *We will all check in periodically through our meetings and through the Discord Chat to ensure the board is being properly updated to reflect the current work.* |

Table from 10/24 Activity

| Challenge | Potential ways to address the challenge |
| --- | --- |
| Time constraints/different work schedules | Asynchronous policy, can’t make it you just say what you’ve done, what you will do, and any roadblock |
| Not having a good concurrent work period leading to different levels of contribution | Try to be more strict on scheduling those times. As well as breaking down software implementation better |
| Different quality expectations | Coordinate more work with other teammates, assign simple/rigid tasks to less motivated people  On the quality check, show them their work is not good enough |

# Sprint Review and Sprint Retrospective 1 - Team Ethernet

* Features implemented
  + Created the React App
  + Organized Document Folders for prior Deliverables
* Issues fixed
  + Deliverable 0 Revisions
  + Updated user stories
  + Updated project description
* Implementation review
  + *What went well in the implementation*
    - The creation of the React App went well; It was simple and went smoothly.
    - Revision of documentation also went smoothly.
  + *What problems occurred*
    - Needed clarification on how Sprint Backlog worked and what needed to be turned in.
    - Needed clarification on what it meant to contribute to GitHub.
  + *How problems were solved*
    - Asked questions in the Discord and got help from Dr. Greg.
* Changes made
  + Added website on GitHub
  + Changed User Stories
  + Updated Readme with download instructions
* Plans for next sprint *(What will be done for the next sprint)*
  + Implement the ability for the user to create and track their tasks in the app.
  + Implement simple navigation in the app so that the app is easily navigable and user-friendly.
* Sprint Retrospective
  + *What went well?*
    - Implementing the React App went smoothly
    - Updating Documents went smoothly
    - Everyone did their work on time
    - Everyone communicated effectively most of the time
  + *What could be improved?*
    - Occasionally communication was rough; we could improve upon that.
  + *What will we commit to improve in the next Sprint?*
    - *What changes will be made to how we work for the next sprint?*
      * *Fill in the table below*
      * *Then enter it into the project management / task tracking system*

| *Change* | *Who will be responsible for the change* | *Who will check in on the change half-way and when* |
| --- | --- | --- |
| *Communicate more effectively with each other.* | *All group members.* | *We will all check in on the chat and ensure that we are all contributing to important team conversations.* |