Milestones List

1. Refactoring the front-end to maintain latest and sustainable technologies.
   * Expected Completion – December 31st, 2021
   * Convert front-end to a framework such as React. Reorganize and rename files to team’s liking.
2. Implement data science, in the form of reports in admin dashboard.
   * Expected Completion – April 1st, 2022
   * Ability for admin users to view a range of reports. Possible monthly reports automatically sent to the head of Bearcats Pantry.
3. Adding new features to the app.
   * Expected Completion – April 1st, 2022
   * Front-end additions such as search capabilities, categories of products, custom delivery dates, along with back-end capabilities like manual order tracking.
4. Security measures in place.
   * Expected Completion – December 1st, 2021
   * Secure back-end vulnerabilities, work with UCIT to add security on the server from their end.

Timeline

|  |  |
| --- | --- |
| **Time Range** | **Task/Milestone** |
| 10/11/21 – 12/31/21 | Organize and re-name files in the code-base into a new framework or easier use for the team. |
| 10/11/21 – 10/31/21 | Fix existing bugs in the checkout and orders page. |
| 10/25/21 – 11/20/21 | Develop a log of actions made by admin users (approving orders, filling orders, adding inventory). |
| 11/1/21 – 12/1/21 | Secure the existing security issue on the back-end of the project with UCIT. |
| 12/1/21 | Security measures in place. (**Milestone 4**) |
| 12/31/21 | Refactoring the front-end to maintain latest and sustainable technologies. (**Milestone 1**) |
| 1/1/22 – 1/15/22 | Customize delivery/pickup dates and times for busier hours or holidays. |
| 1/1/22 – 2/1/22 | Develop an automated reporting system sent to admins every month. |
| 1/15/22 – 2/15/22 | Design a filtering system of products in the inventory page. |
| 2/1/22 – 3/20/22 | Develop the admin page further, displaying most important data at the top. |
| 3/1/22 – 4/1/22 | Develop admin capability to send custom emails to students within the application. |
| 3/20/22-4/1/22 | Test with large dummy data for the admin page and reports. |
| 4/1/22 | Implement data science, in the form of reports in admin dashboard. (**Milestone 2**)  Adding new features to the app. (**Milestone 3**) |

|  |  |
| --- | --- |
| **Tasks** | **Effort** |
| Organize and re-name files in the code-base into a new framework or easier use for the team. | 50% Abhinav, 50% Derek |
| Fix existing bugs in the checkout and orders page. | Derek 100% |
| Develop a log of actions made by admin users (approving orders, filling orders, adding inventory). | Abhinav 100% |
| Secure the existing security issue on the back-end of the project with UCIT. | Derek 100% |
| Customize delivery/pickup dates and times for busier hours or holidays. | Derek 100% |
| Develop an automated reporting system sent to admins every month. | Abhinav 100% |
| Design a filtering system of products in the inventory page. | Derek 100% |
| Develop the admin page further, displaying most important data at the top. | Abhinav 100% |
| Develop admin capability to send custom emails to students within the application. | Abhinav 70%, Derek 30% |
| Test with large dummy data for the admin page and reports. | Abhinav 80%, Derek 20% |