The planned responsibilities look as follows:

|  |  |
| --- | --- |
| **Person** | **Responsibilities** |
| Dalton Coughlin | Project Lead |
| Grant Collins | Frontend Developer |
| Jared Rice | Database Admin |
| James Sweatt | Backend Developer |
| Kobi-yoshi Hsu | Tech Lead, Server Management |
| Karina D’Abbraccio | UI/UX Designer, Tech Documents |

Individual contributions section from each team member is described below.

*The style and punctuation in this document is saved from the author.*

*Dalton Coughlin:*

* *Managed team*
* *Database design*
* *Project design*
* *Assisted with coding*
* *Mentored and assisted team members*

*Kobi H.:*

* *Setup Github*
* *Sorted tickets by priority on home page*
* *Date formatting on home page*

*Karina D’Abbraccio:*

* Research on content of the documentation for the Software Development process;
* Content of the documentation for the project:

Including:

Project Plan;

Product Specifications;

Test Plan;

User’s Guide;

Reports on Phase-1, Phase-2 (with Dalton C.);

High Level and User Interface Design in Design;

Final Report;

Except:

Individual schedule (Project Plan, submitted individually);

Project Overview, Requirements Specification (Dalton C.);

System Specification;

Test Cases/expected input-output (filled by testers);

Product Design content (Dalton C., Jared Rice);

Alternate Designs (Dalton C.), Design Strengths (James S.);

Lessons Learned, Individual contributions (Individually);

* UI design for the webpages in Adobe Photoshop prior to development;
* Fixing UI design bugs by editing HTML and CSS files;
* UI testing while updating the User’s Guide on final product, reported 2 minor bugs in code, 1 bug in design view;
* Updates on documents after the feedback and on changes in the project;
* Communication of the group’s progress in discussion forum and in Ask Professor board;

*Jared’s Rice:*

* Database Management
  + Designed database scheme
  + Create models in Django to represent database
  + Utilize Django’s user model and implement it into our project
  + Create usable data for development and testing
  + Assist team members with creating local PostgreSQL server for development
* Host Server
  + Set up AWS ECS server to host web app
  + Set up AWS RDS server to host PostgreSQL database
  + Set up domain name with SSL certificates
  + Configured and deployed app with WSGI and NGINX
* Backend Development
  + Created queries for gathering individual ticket information
  + Created queries for displaying comments associated with tickets
  + Auto-assigns ‘Users’ to ticket when creating
  + Allowed ‘Techs’ to create a ticket on ‘User’s’ behalf
  + Allowed ‘Techs’ to assign/un-assign themselves from a ticket
  + Allowed ‘Techs’ to close/re-open tickets
* Frontend Development
  + Created Add Comment page
  + Created Assign/Un-Assign Ticket page
  + Created Close/Re-Open Ticket page
  + Hides ‘Tech’ only functions from “Users’

*James Sweatt:*

Researched and tested using Python Django to use as the backend of the IT-ticketing app. Virtually collaborated with the database, backend, and frontend developers to provide insight, to make recommendations and enhancements, and provide my observations about bugs or program problems for the development.

I worked on the ticket search capability and added “allticket” and “myticket functionality, allowing the user to filter tickets based on certain criteria. I added the allticket, myticket, and build table functions to the homefunc javascript. I modified the base and home html pages to display information when the user clicked on those links, and I added a “home” link to the base html template.

Additionally, I added a link to logout and redirect the user to the login screen. I also added a feature to the createNewTicket html file that added the ability for a person in the Tech group to add a user when creating a ticket. Finally, I made modifications that allowed only the Tech to be able to see all tickets.

Throughout the project, I collaborated with the other developers, providing observations about bugs and recommended changes and enhancements, as needed.

*Grant Collins:*

* Assisted in the creation of the project plan and user interface design
* Researched the Django framework and how to use it in the frontend development process
* Created rough drafts of HTML templates along with the Cascading Style Sheets
* Assisted with finalizing the template and CSS designs
* Assisted with the programming for frontend functionality and user interface
* Assisted with the data formatting in the display
* Tested the program’s functionality