# Project Plan for Semester 2- Term 3

**Group 29**

Group members:

* Sharfaa Sedick Anthony 220041571 (Group leader and secretary)
* Siphelele Nyathi 218334028
* Franciel Sebastião - 219466912
* Lihle Langa - 217181147
* Edvalter Da Costa Jamba – 220446571
* Tshepang Molefe - 216217717

Individual Submission

* Coding Progress
* User Interface Design
* Data design
* Testing the system/ subsystem

Group members activities to do in this term:

Sharfaa Sedick Anthony (220041571):

* Continue drawing up minutes of the meeting for each meeting.
* Update wireframes based on any updates that I do to my part of the website this term.
* Use wireframes to display User Interface Design. Demonstrating how users will interact and navigate through my part of the website. Which features they can use and how it is used.
* Coding progress:
  1. Complete the look and feel of my section of the website (digital marketplace).
  2. Create database that I’m going to use for my section of the website.
  3. Code elements to allow users to add items to the database which will then appear on the screen for people to browse.
  4. Code elements to allow users to delete an item from the page once an item is bought.
  5. Add information of items to the digital marketplace (examples of things that can be bought and how).
  6. Add extra features to the database such as social media links and pop ups/ add-ons.
* Data design: How data flows from the website into the database and vice versa. I will be using a diagram to display how data is manipulated from when the user displays or adds data to the database, to where it goes into the database and what can be done there, to how it changes in the database and affects the webpage.
* Find LinkedIn Learning courses on databases, PHP, website design, etc.
* GitHub: Use our GitHub repository to commit changes and upload our group work often.

Siphelele Nyathi (218334028):

* Coding Progress:

To start off with coding for this term, I will first implement the code for the text fields and buttons of the page to make them usable, because currently they are just features with no functions.

The next thing I will do is try to implement the code for real time location tracking and integrate the program with google maps.

* UI Design:

Design a desktop prototype which demonstrates what each button does or the next page the user will be direct to by that specific function of that element.

* Data Design:

Design a Relational Database using MySQL with the help of a DBMS following these simple steps:

1. Define the database entities in the form of tables
2. Identify and state the attributes for each database entity.
3. Specify the primary and foreign key constraints for each relational table.
4. Outline and establish relationship between tables.
5. Apply database normalization rules to normalize each table.

* System Testing:
* Design:
* Check the consistency of design with the requirements.
* Check the sufficiency of design.
* Create structural and functional test conditions.
* Coding:
* Check the consistency of implementation with the design.
* Check the sufficiency of implementation.
* Create structural and functional test conditions for programs/units.
* Possible future Improvements:
* Include images since people like to see who they’re talking to.
* Use a contact form plugin which makes it simple to add customizable forms in the contact page.

Tshepang Molefe (216217717):

1. Update the wireframes of the pages I am responsible for.
2. Start coding those pages.
3. Add functionality to those pages
4. Test those functionality
5. Create database for storage

Lihle Langa (217181147):

* Update wireframes on all pages related to my contribution to the work
* Ensure wireframes give a brief outlook on how user interaction with the website will be. This should show what the user will encounter when using the website.
* Coding:

1. Complete basic display and functionality of my contribution which is the contact page and subscribing to newsletters and display the university address as a map on the page
2. Complete functionality side of the page, when a user requests contact, the responses they get when they do.
3. Code newsletters, the user’s ability to choose what updates to receive with newsletters.
4. Allow users unsubscribe whenever they prefer.

* Design how the information in the newsletter will be displayed to the user and decide how often should it be sent.
* Find LinkedIn courses on ensuring useability of websites and cultivating an online environment where users will not be afraid to get in touch.
* Upload changes to GitHub Repository.

Franciel Sebastiao (219466912):

* Coding progress:

1 – Finish the design of the user interface of the Accommodation section.

2 – Add functionality to the pages I am responsible for.

3 – Create a database to store user details regarding the places they wish to rent.  
Such as the address, documents that prove that they own or lease the property, description, etc…

4 – Upload all the changes to our GitHub repository.

Edvalter Jamba (220446571):

* Update the design of the login and registration pages.
* Finish coding the login and registration pages.
* Add functionality to the pages.

For my next version I expect to give the last touch on my registration page I still feel like am missing some detail in there, and I did not figure out if it is the design or the functionality.

* Starting the construction of the Database
* Starting to make use of PHP code
* Start some testing doing login and Registration
* Make the last version of my task available to the group.