

Semester 1 Projects

Anemi Breytenbach 231178

Open Window, School of Fundamentals

DV 200

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Introduction

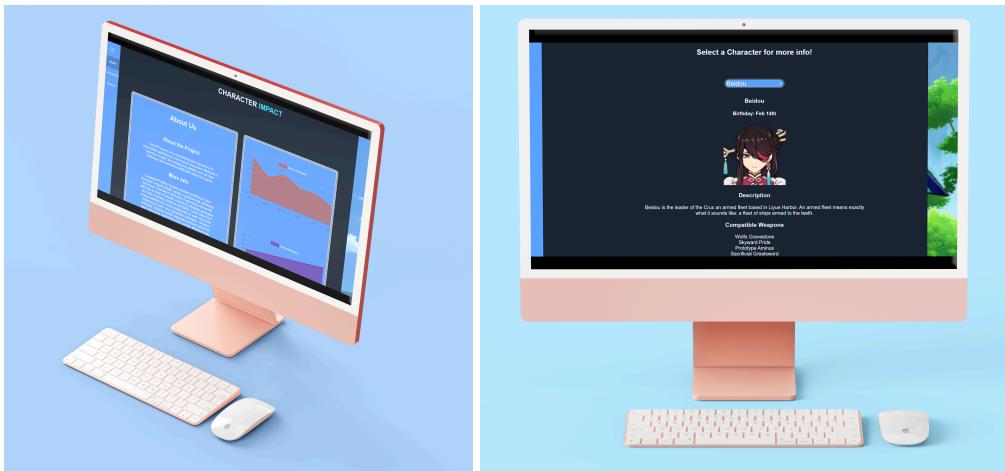
The projects detailed in this document showcase the work I completed during Term 1 and Term 2.

The Term 1 project was conceived, developed, and executed entirely by me. This project demonstrates my ability to independently manage all aspects of the development process, from initial concept to final implementation.

In contrast, the Term 2 project was a collaborative effort with my Development Group. Working closely with team members, I contributed to various stages of the project, leveraging our collective skills to achieve our objectives. This project highlights my ability to work effectively within a team, demonstrating strong communication, collaboration, and problem-solving skills.

Overall, these projects illustrate my versatility and proficiency in both independent and collaborative development environments.

Character Impact



Character Impact is a sophisticated web application designed to provide in-depth insights into characters from the game Genshin Impact through a user-friendly interface.

Upon accessing the home screen, users can select a character to view detailed information. This screen also features two interactive graphs that display relevant character data, alongside an informative "About Us" section to introduce users to the purpose and creators of the application.

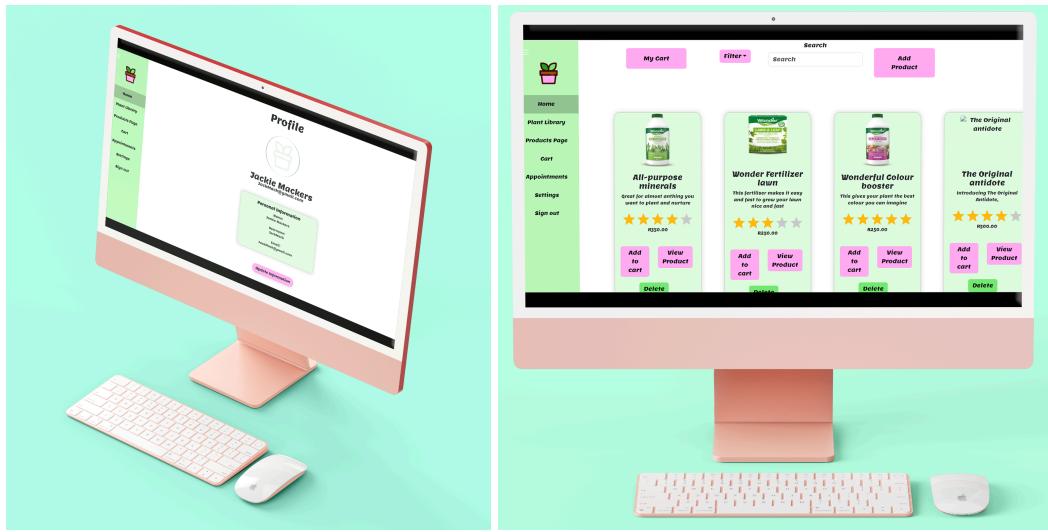
The comparison page offers users the ability to select and compare two characters side by side. This comparison includes their vision (element), weapon type, and star rating, enabling users to make informed decisions based on their preferences and gameplay strategies.

The chart page presents a comprehensive view of all character data in a well-organised chart format. Users can explore information such as character gender, vision, weapon type, star rating, and acquisition method (whether they are obtained through quests, wishes, or are of unknown origin).

Overall, Character Impact seamlessly integrates with the Genshin Impact API to deliver a valuable resource for players, combining detailed character analysis with an engaging and interactive user experience.

Repo link: <https://github.com/AnemiB/Year2Term1>

Botania



This project offers a comprehensive and user-friendly application designed to enhance the user experience from the moment they enter.

Upon launching the application, users are greeted with intuitive sign-up and sign-in screens, ensuring a smooth onboarding process. The core of the application is the product screens, where users can explore a wide range of items available for purchase. Users can leave comments on products, add desired items to their cart, and even create new product listings, fostering an interactive and dynamic marketplace.

To enhance user convenience, the app provides robust filtering options, allowing users to sort products based on various criteria. Additionally, users can add plants to their personal library, enabling easy management and tracking of their collection. The app also features an appointment scheduling system, allowing users to set reminders and create care schedules for their plants.

The home screen offers a personalised dashboard displaying essential user information, while the settings screen empowers users to update their profile details effortlessly.

Overall, this application combines functionality with an engaging user experience, making it an invaluable tool for users seeking to manage their product purchases and plant care routines effectively.

Repo link: https://github.com/Sean-D-231121/Group_Project_DV200_Term_2