Project Weekly Progress Report Agile – Scrum

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| **Semester** | **W2023, SEM-2** |
| **Course Code** | **AML-2404** |
| **Section** | **Section 2** |
| **Group Name** | **D** |
| **Student names/Student IDs** | **Jash Vaghasiya - C0884733**  **Nivedini Kathagonda - C0872720**  **Keval Parmar - C0882386**  **Monil Rupawala - C0882370**  **Sai Divya Madhuri Guntupalli - C0882360** |
| **Reporting Week** | **12** |
| **Team Lead for the reporting week** | **Jash Vaghasiya** |

1. **Progress Made in Reporting** **Week:**

The user experience was significantly improved in the final week of our Skin Care Recommendation System project. We carefully investigated and fixed any small issues with the user interface that had been found in the past, assuring a smooth and simple interaction for end users. The overall user experience has also been improved by tweaking design components to provide a more aesthetically pleasant interface.

In terms of security, we prioritised protecting our application by installing route protection. This critical step was taken to prevent unauthorised access to certain areas of the programme, demonstrating our commitment to user data security. To ensure the resilience and dependability of our system, we performed extensive testing on all components, ensuring their perfect performance. Furthermore, all changes and alterations were constantly published to our GitHub repository in the spirit of cooperation and version control, ensuring that the whole team was up to speed with the project's current iteration.

The structure of the **UI of GLOW AI** is in the following conceptual image:

**A screenshot of a website

Description automatically generated**

**2. Difficulties Encountered in Reporting Week:**

During the last stages of our Skin Care Recommendation System project, we discovered and fixed a recurring problem with our side navigation's user interface. Despite user interactions and going on to the next question, the look of the side navigation remained unchanged, resulting to confusion and a non-intuitive experience. Using React's state management and component lifecycle methods, we ensured that the side navigation reflected real-time changes, improving our application's dynamic responsiveness.

Another issue we encountered was the overlapping of product results, which hampered the user's ability to effectively examine and pick recommended skincare items. This overlapping was not just a visual annoyance, but it also had the potential to disrupt the essential operation of our recommendation system. We were able to reduce this overlap by optimising our React components and establishing a clear separation of each product's rendering region. Products are now presented clearly with each successive search, allowing consumers to make educated skincare decisions without any visual interruption.