

**Smart Select**  
**Project Description**

Raheim Burkett 2210198 (Team Member 1)

Garrett Grant 2205586 (Team Member 2)

T'Yondre Leslie 2210176 (Team Member 3)

Iyana Taylor 2209566 (Team Member 4)

School of Computing and Information Technology (SCIT),  
Faculty of Engineering and Computing (FENC),  
University of Technology, Jamaica (UTECH)

Information Technology Project Management (UN2)

Mrs. Sophia McNamarah

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**Group/Team Name:**

- BGLT Solutions

**Name of Project:**

- Smart Select

**Name of Company project is being done for:**

- University of Technology, Jamaica (UTECH)

**Primary role of the company:**

- UTECH offers a wide range of disciplines with a focus on delivering quality education and enhancing the overall student experience through accessible and efficient academic services.

**Issue / problem / opportunity at the Company:**

- The current student registration system is outdated and struggles to handle the high volume of students registering simultaneously. This results in system slowdowns, inefficiencies, and frustration for both students and administrative staff.

**Purpose of the Project:**

- The project will focus on replacing the existing module selection system with a scalable, web-based platform that allows students to easily browse available modules, check prerequisites and corequisites, module capacity, and register in real-time. The system will feature improved load handling, a user-friendly interface, and secure access controls for students and faculty.

**Scope of Project:**

- To develop a new, web-based student registration platform that can handle high registration volumes, improve user experience, and provide secure access for students and faculty.

A staggered registration approach will be implemented. Each faculty will be assigned a designated week to submit their course selections, ensuring that only one faculty registers at a time, reducing system strain. Students who miss their assigned registration window will have to wait for the next available opportunity to register.

**Project Duration:**

- 5 months (October to February) – The project is expected to be completed over a period of five months, including planning, development, testing, and deployment. This timeline will ensure that all features are properly implemented, and the system undergoes thorough testing.
- **Names of group / project team members:**
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