**Bingham University Course Registration System**

**Data Analysis**

To analyze the questionnaire data responses, we will summarize the data and discuss the implications for each question. We will also categorize the responses for qualitative analysis where applicable.

**1. What is your current academic year?**

- 14.3% of the respondents are in the 100 level.

- 14.3% of the respondents are in the 200 level.

- 28.6% of the respondents are in the 300 level.

- 42.9% of the respondents are in the 400 level and above.

**Implication:** The majority of the respondents are in the upper academic levels, which indicates that the feedback received is from relatively experienced students.

**2. What is your course of study?**

- Accounting: 3.6%

- Computer science: 50.0%

- Cyber security: 7.1%

- Info technology: 7.1%

- Economics: 3.6%

- Law: 3.6%

- Mass Communication: 3.6%

- Med lab: 10.7%

- Pharmacy: 3.6%

- Political Science: 3.6%

- Public Health: 3.6%

**Implication:** The highest percentage of respondents are studying computer science, indicating that this group of students may have specific needs and preferences related to the course registration system.

**3. How often do you use the course registration system each semester?**

- Not so often: 31.5%

- Regularly: 68.5%

**Implication:** The majority of respondents use the course registration system regularly, indicating that it is an important tool for their academic planning.

**4. Have you used other university course registration systems before?**

- No: 67.9%

- Yes: 32.1%

**Implication:** A significant percentage of respondents have not used other university course registration systems, suggesting that their feedback may be based solely on their experience with the current system.

**5. How satisfied are you with the current system's selection of courses pre-assigned to you?**

- Satisfied: 35.7%

- Unsatisfied: 64.3%

**Implication:** The majority of respondents are unsatisfied with the pre-assigned course selection, indicating a desire for more control over choosing their courses.

**6. How important is it to you to have additional control over choosing your courses beyond the pre-assigned ones?**

- Not Important: 28.6%

- Very Important: 71.4%

**Implication:** The majority of respondents consider it very important to have additional control over choosing their courses, indicating a strong desire for more flexibility in the course registration process.

**7. If you had more control, what factors would be most important to you when choosing courses?**

- Instructor preferences: 7.1%

- Course difficulty: 10.7%

- Personal interest: 25%

- Class size: 10%

- Class schedule: 21.4%

- Credit load: 10.7%

- Others: 14.4%

**Implication:** The respondents have varied preferences when it comes to factors that would be important to them when choosing courses, indicating a need for a comprehensive and flexible course selection system.

**8. Are there any limitations in the current system that restrict you from taking courses you need or want?**

- Yes: 46.4%

- No: 53.6%

**Implication:** Almost half of the respondents feel restricted by limitations in the current system, suggesting that there are areas for improvement to better meet their course selection needs.

**8b. If yes, please explain.**

- The responses provided by the participants indicate specific limitations they have encountered in the current system, such as not being able to add personally desired courses, restrictions on taking carry-over courses, and slow system performance.

**9. How easy is it to generate the PIN on the mybhu portal and activate the registration process on the dreamz portal?**

- Not easy: 82.1%

- Very easy: 17.9%

**Implication:** The majority of respondents find it difficult to generate the PIN and activate the registration process, indicating a need for improvements in this area to enhance user experience.

**10. Have you ever experienced delays in generating the PIN or activating the registration process?**

- Yes: 35.7%

- No: 64.3%

**Implication:** A significant percentage of respondents have experienced delays in generating the PIN or activating the registration process, which can negatively affect their overall experience with the system.

**10b. If yes, how did it affect your experience?**

- The responses provided by the participants indicate that delays in generating the PIN or activating the registration process can result in frustration, missed exams, and a negative perception of the system.

**11. What improvements would you suggest for verifying student eligibility and streamlining the registration process?**

- Online verification features: 28.6%

- User-friendly interface: 10.7%

- Pre-registration: 7.1%

- Detailed instructions: 7.1%

- Others: 46.5%

**Implication:** The responses suggest that participants have various suggestions for improving the verification of student eligibility and streamlining the registration process. The most common suggestion is to implement online verification features, followed by a user-friendly interface and providing detailed instructions. The "Others" category likely includes additional suggestions that were not specified in the questionnaire.

Overall, the data indicates that there is a significant level of dissatisfaction with the current course registration system. Respondents express a desire for more control over course selection, improvements in the pre-assigned course selection, and enhancements to the process of generating the PIN and activating registration. They also highlight limitations and delays that have negatively affected their experience. The feedback provided by the participants can be valuable in identifying areas for improvement and guiding the development of a more user-friendly and flexible course registration system.

**Based on the data analysis, the following product requirements can be identified:**

**1. Requirement:** Provide more control over choosing courses beyond the pre-assigned ones.

- Linked to data collection question/activity: Question 6 - "How important is it to you to have additional control over choosing your courses beyond the pre-assigned ones?"

**2. Requirement:** Enhance the selection of courses pre-assigned to students.

- Linked to data collection question/activity: Question 5 - "How satisfied are you with the current system's selection of courses pre-assigned to you?"

**3. Requirement:** Improve the process of generating the PIN and activating the registration process.

- Linked to data collection question/activity: Question 9 - "How easy is it to generate the PIN on the mybhu portal and activate the registration process on the dreamz portal?" and Question 10 - "Have you ever experienced delays in generating the PIN or activating the registration process?".

**4. Requirement:** Address limitations that restrict students from taking courses they need or want.

- Linked to data collection question/activity: Question 8 - "Are there any limitations in the current system that restrict you from taking courses you need or want?" and Question 8b - "If yes, please explain."

**5. Requirement:** Implement online verification features to streamline student eligibility verification.

- Linked to data collection question/activity: Question 11 - "What improvements would you suggest for verifying student eligibility and streamlining the registration process?"

**6. Requirement:** Enhance the user interface to make it more user-friendly.

- Linked to data collection question/activity: Question 11 - "What improvements would you suggest for verifying student eligibility and streamlining the registration process?"

**7. Requirement:** Provide detailed instructions to guide students through the registration process.

- Linked to data collection question/activity: Question 11 - "What improvements would you suggest for verifying student eligibility and streamlining the registration process?"