Thesis   
  
User’s Story through survey

checklist  
  
1. How is the knowledge learned in campus helpful to be proficient in programming?

1. Basic Level
2. Intermediate Level
3. Advance Level

2. What is your mastered programming language?

1. Java
2. Python
3. Php
4. C#
5. JavaScript

2. How much did you learn in understanding programming?

1. Basic Level
2. Intermediate Level
3. Advance Level

3. How much did you learn in troubleshooting?

1. Basic Level
2. Intermediate Level
3. Advance Level

4. How much did you understand about logic and analytics?

1. Basic Level
2. Intermediate Level
3. Advance Level

5. How much did you learn about the effects of environment on programming proficiency? (e.g., collaborating with others)

1. Basic Level
2. Intermediate Level
3. Advance Level

6. What level of mastery are you on practical coding in the language you’ve mastered?

1. Basic Level
2. Intermediate Level
3. Advance Level

Questionnaire

1. When playing puzzle game with educating environment which design would you prefer?
2. Minimalist
3. Masculine
4. Feminine
5. Modern
6. Classic