

EGCI340: Software Design

– Assignment 2 –

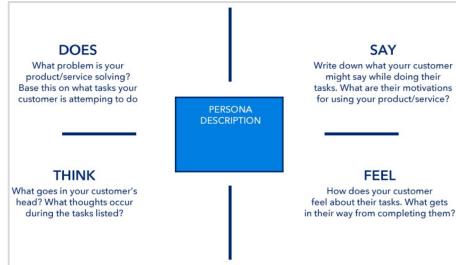
Instructions:

- Group assignment
- Prepare the presentation and present your assignment on **November 28, 2025**
- Name your presentation file as a2_groupX.pdf. For example, a2_group1.pdf .
- Please submit your presentation in PDF format by **November 28, 2025**

Section 1 (5 marks)

Topic: “My Mind” application. See Requirements-My-Mind-v2.pdf

1. (1 marks) Create “User Persona” description according to diagram below.

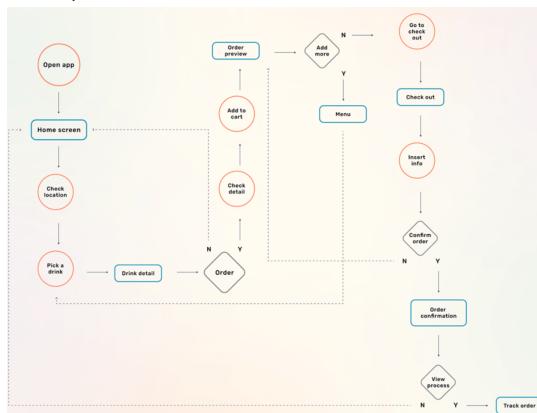


2. (1 marks) List the pain and gain



3. (2 marks) Draw the user flow for “My Mind” application.

Example:



4. (6 marks) Mock-up UI for “My Mind” application. (see Requirements in the next page)

Requirements of “My Mind” application

Target user: Teenagers (12-18 years old)

1. Screening (2 marks)
 - 1.1. Stress/Depression Screening using DASS-10 (see DASS-10-scoring.pdf)
 - 1.2. The result is categorized to 5 depression levels: normal, mild, moderate, severe and extreme severe
 - Subclinical (raw score 0-4, average score 0-0.4; equivalent to a percentile of 70 or less)
 - Mild (raw score 5-6, average score 0.5-0.6, percentile of 71-86)
 - Moderate (raw score 7-12, average score 0.7-1.2; percentile of 87-96)
 - Severe (raw score 13-20, average score 1.3-2.0; percentile of 97 – 99.6)
 - Extremely severe (raw score 21-30, average score 2.1-3; percentile of 99.7 and above)
 - 1.3. Report the results to user. If the result is moderate, severe and extreme severe, suggest user to make appointment to counselor via appointment system
2. Protection (2 marks)
 - 2.1. User should do the emotion evaluation daily and can see the report (weekly/monthly)

GOOD SOSO BAD SPECIAL

OR
 - 2.2. Provide activities such as game, questionnaires, practices, videos to improve mind controlling skill
3. Appointment (1 mark)
 - 3.1. Make the appointment to counselor via the application (30 min/section)
 - 3.2. Notification to user before appointment date
4. Mobile or Web application: user friendly and nice design (1 marks)