FACULTY OF COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

SESSION 2025/2026

SOFTWARE DESIGN

BIE20203

Assignment 3 : Software Design Notation Package Diagram in Visual Paradigm

PREPARED FOR:

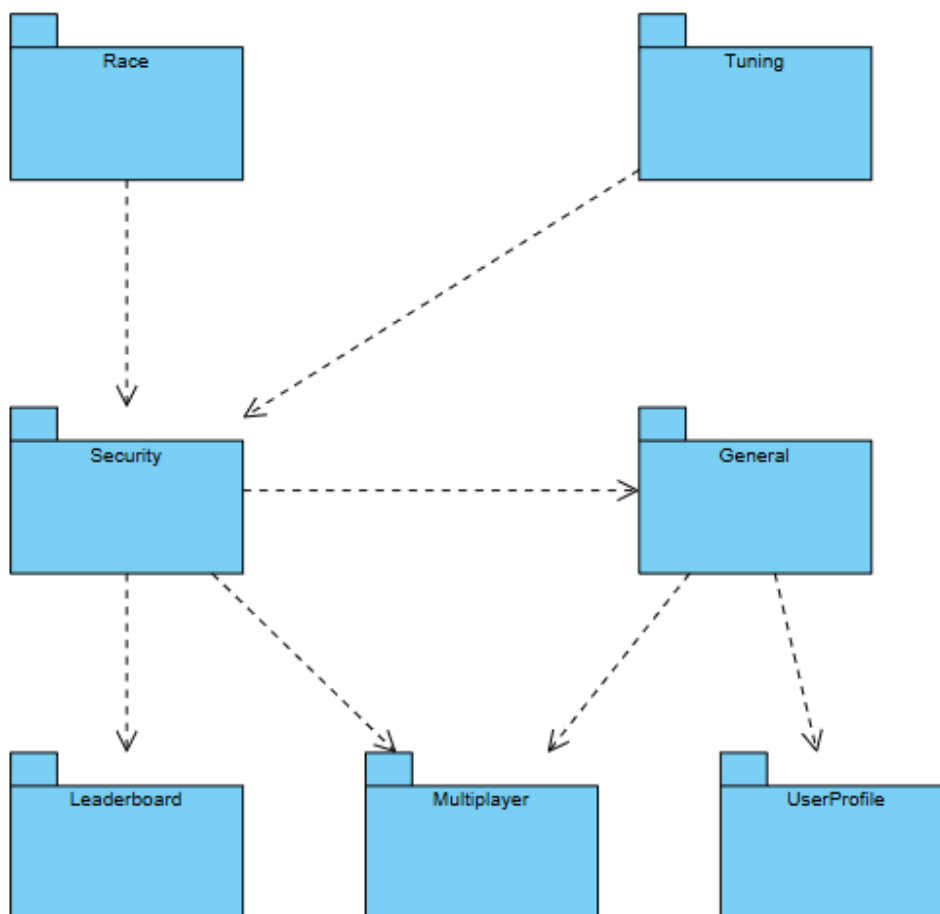Dr Puan Norhanim Binti Selamat

PREPARED BY:

MUHAMMAD LUQMAN BIN BAHRIN

AI230278

Part 1

1. Do exercise from 1 to 8 individually.

2. Complete the exercise in Figure 13 and add three (3) related packages in the diagram.

 3. Submit the diagram in a report with a complete description.

4. Submit in the Individual Activities tab via Author LMS.

Description

Package	Description
Race	-This package manages race logic, track selection and player racing interactions
Tuning	-Provides car customization from colour and performance tuning functionalities
Security	-Handle authentication, data player protection and anti-cheating
General	-Contain shared utilities, configuration settings , and helper classes
Leaderboard	-Manages ranking, scoring and displaying high scores
Multiplayer	-Handle player networking, matchmaking and multiplayer race sessions
UserProfile	-Manage user account details, progress and saved game data