FINAL PROJECT FOR MOBILE SYSTEMS 2024

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APP NAME:
BRICKBREAKER (GAME)

Framework

- Android 12 (API 31)

Development under:

- Android Studio 2023.3
- Java Source Code

ACTIVITIES

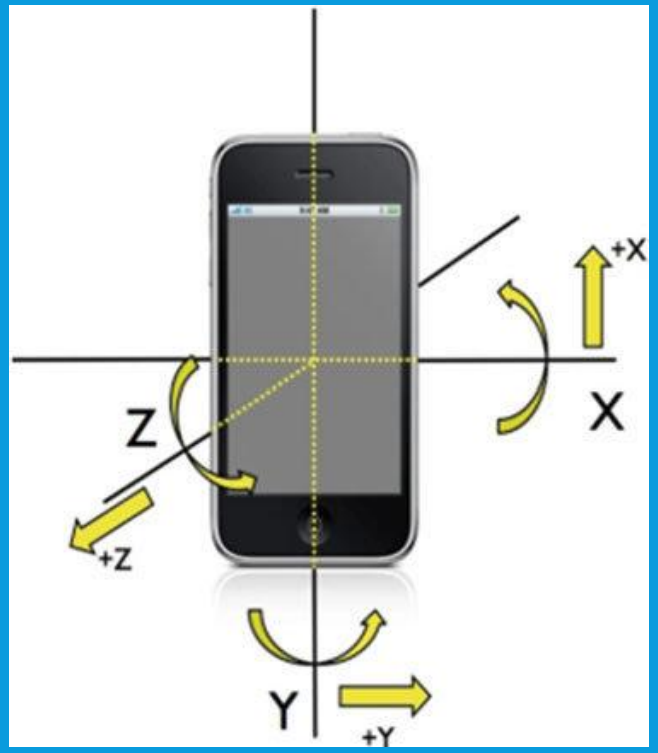
MainActivity: Start screen with game instructions.

LoadingActivity: Simulates game loading.

GameActivity: Main gameplay logic and sensor handling.(core)

ScoreActivity: Displays score and high score at the end.

SENSORS



1.Accelerometer

paddle movement based on device tilt (left-right).

2.Gyroscope

fine-tunes the movement with additional adjustments based on device rotation for smoother control.

UI, LAYOUTS & DATA TRANSFER

UI Elements:

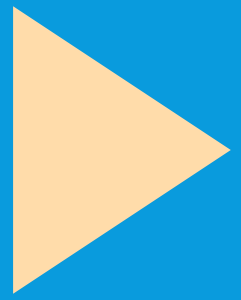
- Full-screen game with SurfaceView, Start button, progress bar, and score display.

Data Transfer:

- Score is shown after each game and high scores are saved for future sessions.

DEMO VIDEO OF THE GAME

Link to the video



brickbreaker

THANK YOU!