**Sukkur IBA University**

**Software Design Specification (SDS)**

For

**Brain TAMP - 3D**

Version 1.4

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| ***Submission Date*** | February 2, 2023 |

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# Introduction of Design Document

The following is an introduction to the Software Design Specification (SDS) for the Final Year Project (FYP) entitled "3D Android Tutorial App using Unity." The app aims to provide a comprehensive and interactive learning experience for students studying the four perspectives of Taxonomy, Anatomy, Morphology, and Physiology. The purpose of this SDS is to outline the design of the app, including the architecture, user interface, and functionalities. The SDS will provide a clear understanding of the project's requirements and the technical solutions used to meet those requirements. This document will be used as a reference throughout the development process to ensure that the app is developed in accordance with the specified design.

# Entity Relationship Diagram (ERD)

N/A

# Sequence Diagrams

## View Brain Model

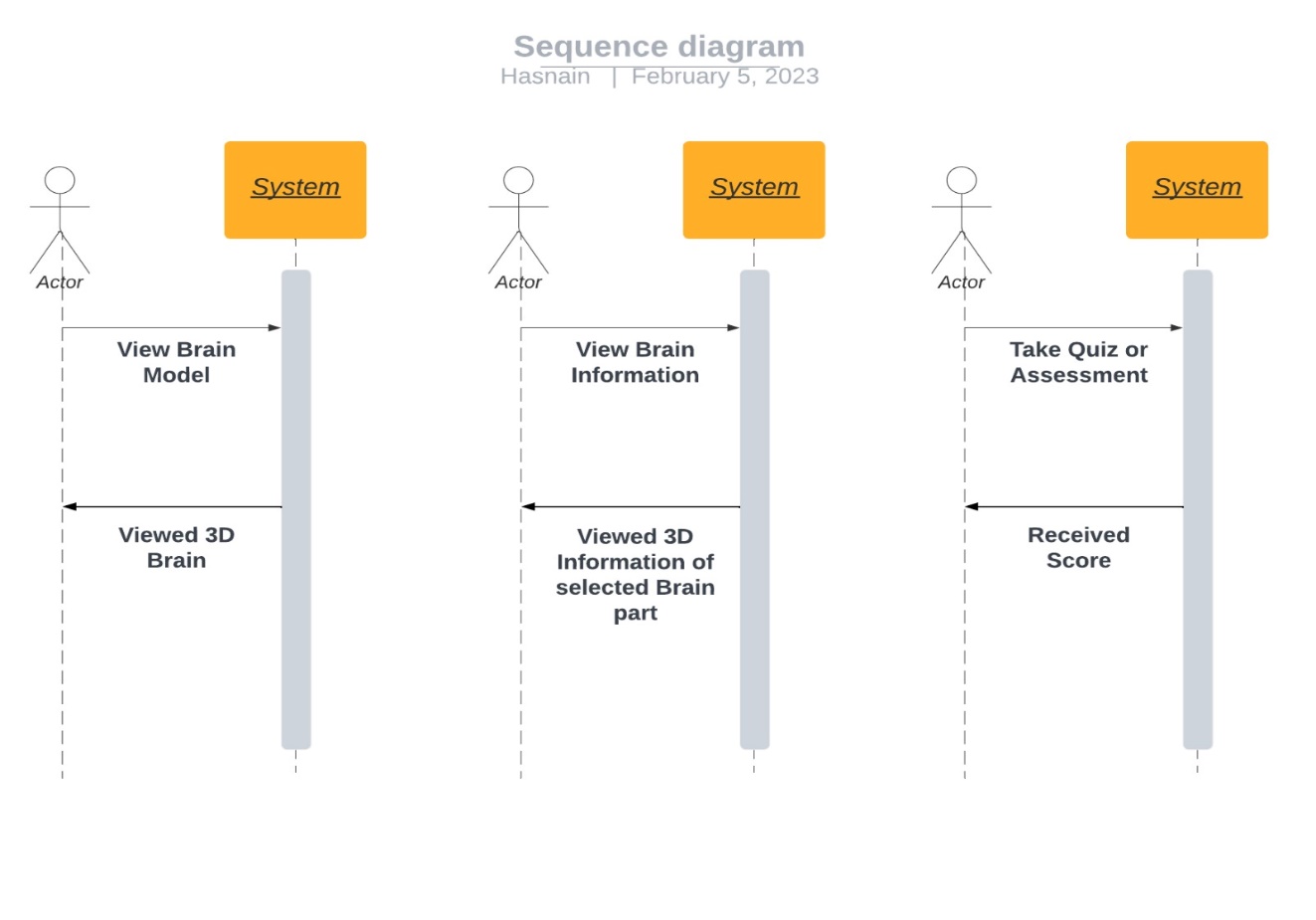


Figure 1: Sequence Diagram for View Brain Model

## View Brain Information

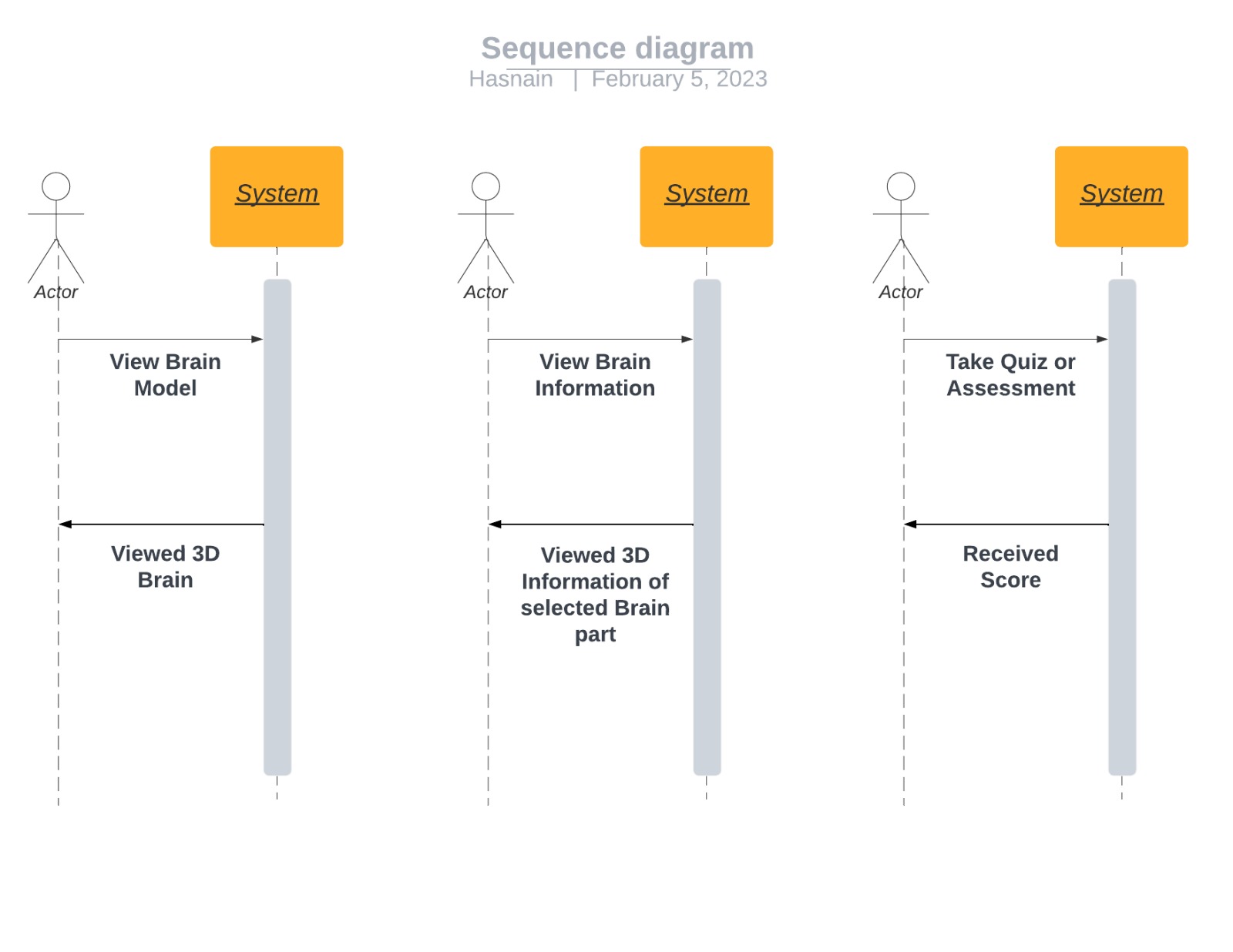


Figure 2: Sequence Diagram for View Brain Information

## Take Quiz/Assessment

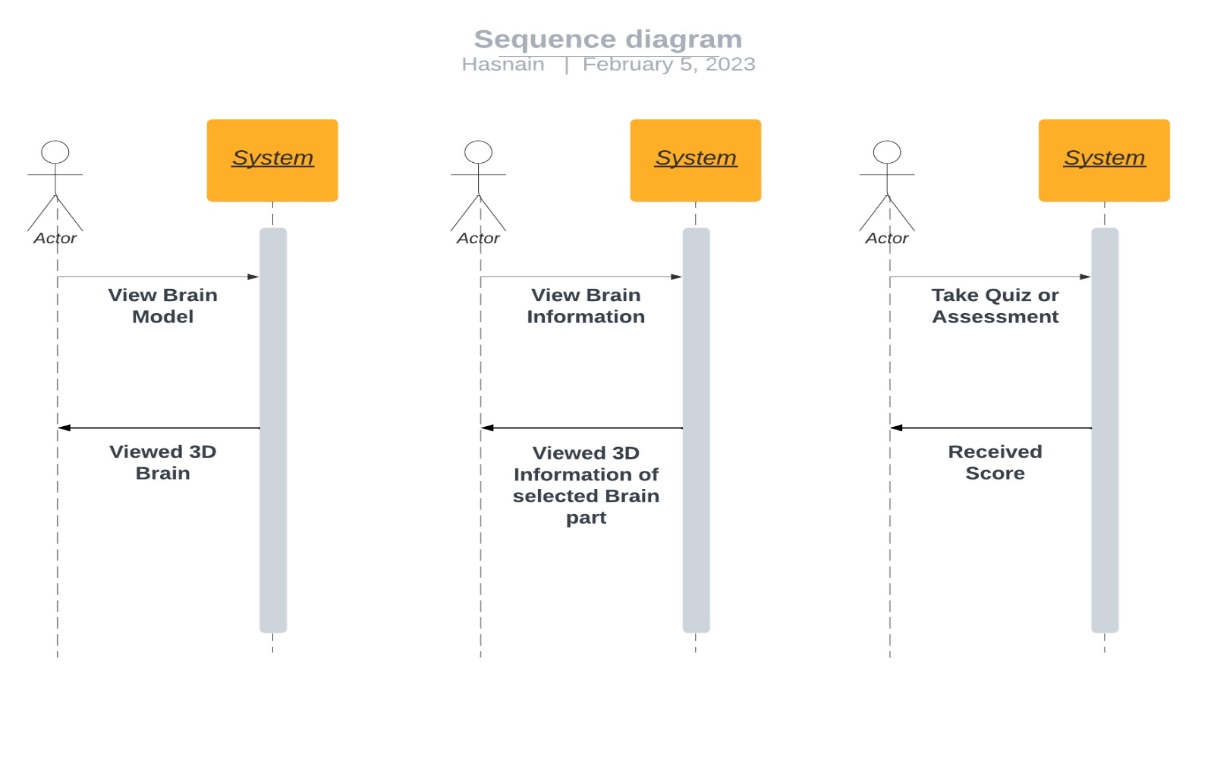


Figure 3: Sequence Diagram for Take Quiz/Assessment

# Architecture Design Diagram

Figure 5: System Architecture

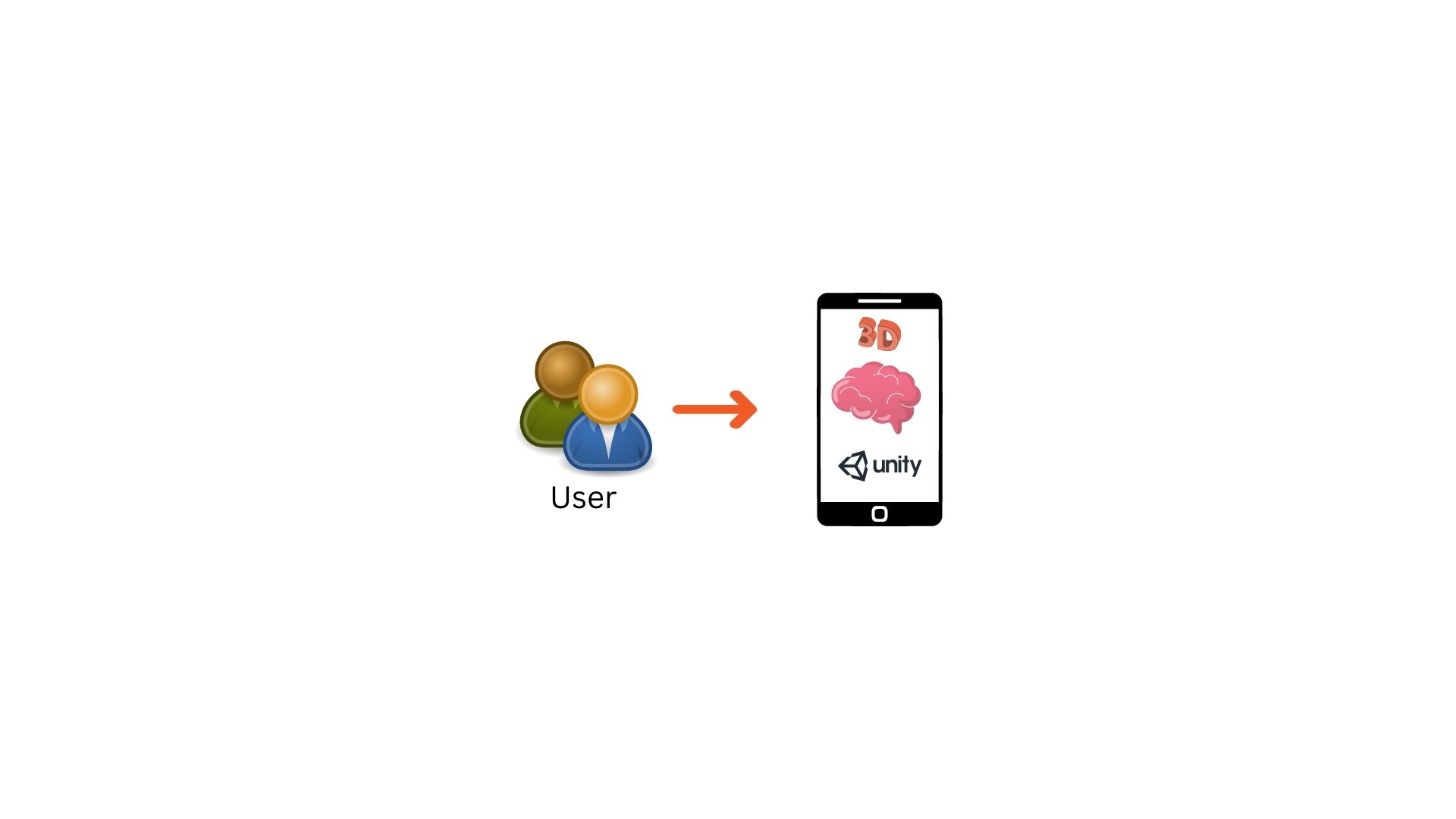


Figure 4: System Architecture

# Database Diagram

N/A

# Class Diagram

N/A

# Interface Design

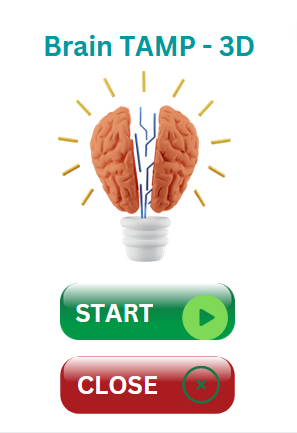


Figure 6 Brain Unpacked: Home Page

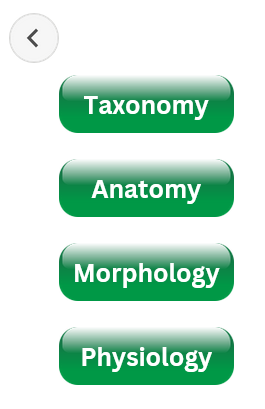


Figure 7 Brain Unpacked: Menu Page

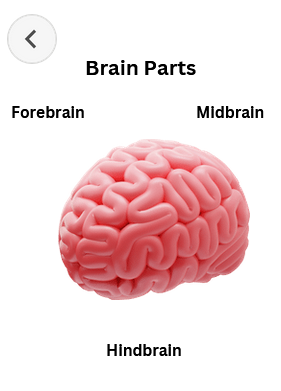


Figure 8 Brain Unpacked: Parts of Brain (Sample)

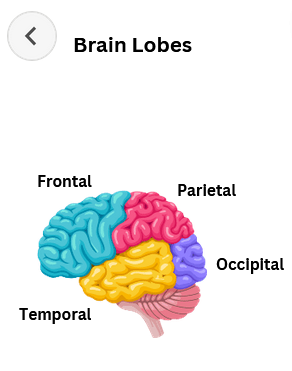


Figure 9 Brain Unpacked: Brain Lobes (Sample)

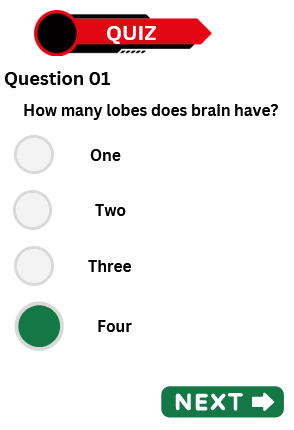


Figure 10 Brain Unpacked: Quiz Questions (Sample)

# Test Cases

N/A