**ARTIFICIAL INTELIGENCE BASED**

**MULTIPLAYER SNAKEGAME**

**A MINIPROJECT REPORT**

***Submitted by***

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***in partial fulfilment for the award of the degree***

***of***

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**BONAFIDE CERTIFICATE**

Certified that this project report “**~~ARTIFICAIL INTELIGENCE BASED MULTIPLAYER SNAKEGAME~~**” is the bonafide work of

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**ABSTRACT**

The purpose of this project is to make the player compete with each other on a multiplayer **snake game** and make the computer reflect the moves that the players have used in their previous games .The model is demonstrated in browser so this game is developed using the basic **SSE**  and record the player move in a one on one battle with each and tries to use the previous player’s move. The computer uses the shortest path algorithm to reach the target with out having self destructive moves and tries to escape from the opponent’s attacking moves by predicting it before.

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**TABLE OF CONTENTS**

|  |  |  |
| --- | --- | --- |
| **CHAPTER NO.** | **TITLE** | **PAGE NO.** |
|  | **ABSTRACT** | **iii** |
|  | **LIST OF FIGURES** | **x** |
|  | **LIST OF ABBREVIATION** | **xii** |
| **1** | **INTRODUCTION** | **1** |
|  | 1.1 OVERVIEW | 1 |
|  | 1.2 MULTIPLAYER SNAKE GAME | 2 |
|  | 1.3    CHARACTERISTICS OF THE  MULTIPLAYER SNAKEGAME | 3 |
|  | 1.4    SERVER PUSH FOR MECHANISM FOR MULTIPLAYER GAME | 4 |
|  | 1.5    PREDICTION FOR BOT | 5 |
|  | 1.5.1 Database for Prediction Model | 5 |
| **2** | **LITERATURE REVIEW** | **8** |
|  | 2.1 A MACHINE LEARNING APPROACH  FOR TRACKING AND PREDICTING  STUDENT PERFORMANCE IN  DEGREE PROGRAMS | 8 |
|  | 2.1.1 Applications | 9 |
|  | 2.1.2 Advantages and Disadvantages | 9 |
|  | 2.2 PREDICTING STUDENTS’ GPA AND  DEVELOPING INTERVENTION  STRATEGIES BASED ON SELF  REGULATORY LEARNING  BEHAVIORS | 10 |
|  | 2.2.1 Applications | 10 |
|  | 2.2.2 Advantages and Disadvantages | 11 |
|  | 2.3 ARTIFICIAL INTELLIGENCE BASED  STUDENT LEARNING EVALUATION | 11 |
|  | 2.3.1 Applications | 12 |
|  | 2.3.2 Advantages and Disadvantages | 13 |
|  | 2.4 COMPUTERIZED ADAPTIVE  TESTING BASED ON DECISION TREE | 13 |
|  | 2.5 DESIGN AND APPLICATION OF A  RESPONSE-DRIVEN ADAPTIVE TEST SYSTEM | 14 |
| **3** | **PROPOSED WORK** | **16** |
|  | 3.1 RECOMMENDED METHOD | 16 |
|  | 3.1.1 Advantages | 16 |
|  | 3.2 PROPOSED ARCHITECTURE  DIAGRAM | 17 |
|  | 3.3 DESCRIPTION OF ARCHITECTURE  DIAGRAM | 18 |
|  | 3.3.1 Data Collector | 18 |
|  | 3.3.2 Game Board Manager | 21 |
|  | 3.3.3 Predictor | 22 |
|  | 3.3.4 User Move Database | 25 |
|  | 3.4 DATABASE SCHEMA | 26 |
| **4** | **SYSTEM REQUIREMENTS**  4.1 HARDWARE REQUIREMENTS | **27**  27 |
|  | 4.2 SOFTWARE REQUIREMENTS | 27 |
| **5** | **IMPLEMENTATION MODULES** | **28** |
|  | 5.1 LOGIN SERVICE | 28 |
|  | 5.1.1 Description | 28 |
|  | 5.1.2 Sequence Diagram of  Login Service | 33 |
|  | 5.2 LIVE USER LISTER SERVICE | 34 |
|  | 5.2.1 Description | 34 |
|  | 5.2.2 Sequence Diagram of  Organization Service | 35 |
|  | 5.3 GAME SERVICE | 35 |
|  | 5.3.1 Description | 35 |
|  | 5.3.2 Sequence Diagram of  Question Service | 38 |
|  | 5.4 DATA COLLECTION | 39 |
|  | 5.4.1 Description | 39 |
|  | 5.4.1 Sequence Diagram of  Exam Service | 40 |
|  | 5.5 PREDICTION SERVICE | 40 |
|  | 5.5.1 Description | 40 |
|  | 5.5.2 Sequence Diagram of  Exam Session Service | 42 |
|  | 5.6 REPORT SERVICE | 43 |
|  | 5.6.1 Description | 43 |
|  | 5.6.2 Sequence Diagram of  Report Service | 44 |
| **6** | **SNAPSHOTS OF MODULES** | **45** |
|  | 6.1 LOGIN PAGE | 45 |
|  | 6.2 LIVE USER PAGE | 46 |
|  | 6.3 CALIBRATION PAGE  PAGE | 47 |
|  | 6.4 GAME PAGE | 48 |
|  | 6.4.1 Exam Screen -1 | 48 |
|  | 6.4.2 Exam Screen -2 | 49 |
|  | 6.5 EXAM TEMPLATES LIST PAGE | 50 |
|  | 6.6 EXAM TEMPLATE PAGE | 51 |
|  | 6.6.1 Exam Template page-1 | 51 |
|  | 6.6.2 Exam Template page-2 | 52 |
|  | 6.7 EXAM TEMPLATE SETTINGS  PAGE | 53 |
|  | 6.8 ADD QUESTIONS PAGE | 54 |
|  | 6.9 QUESTION LIBRARY PAGE | 55 |
|  | 6.10 EXAM SUBMISSION PAGE | 56 |
|  |  |  |
| **7** | **CONCLUSION AND FUTURE WORK** | **57** |
|  | **REFERENCES** | **58** |

**LIST OF FIGURES**

|  |  |  |
| --- | --- | --- |
| **FIGURE NO.** | **TITLE** | **PAGE NO.** |
| 1.1 | Components of Fuzzy Model | 6 |
| 2.1 | Artificial Intelligence-Based Learning Evaluation Tool | 12 |
| 3.1 | Architecture Diagram | 17 |
| 3.2 | Microservice Architecture | 19 |
| 3.3 | Monolithic Architecture | 20 |
| 3.4 | Docker Architecture | 23 |
| 3.5 | Database Schema | 26 |
| 5.1 | Authentication using JWT token | 29 |
| 5.2 | Encoding the Payload | 30 |
| 5.3 | Sequence Diagram of Login Service | 33 |
| 5.4 | Sequence Diagram of Organization Service | 35 |
| 5.5 | Sequence Diagram of Question Service | 38 |
| 5.6 | Sequence Diagram of Exam Service | 40 |
| 5.7 | Sequence Diagram of Exam Session Service | 42 |
| 5.8 | Sequence Diagram of Report Service | 44 |
| 6.1 | Exam Login Page | 45 |
| 6.2 | Examinee Login Page | 46 |
| 6.3 | Examinee Registration Page | 47 |
| 6.4 | Exam Screen-1 | 48 |
| 6.5 | Exam Screen-2 | 49 |
| 6.6 | Exam Templates List Page | 50 |
| 6.7 | Exam Template Page-1 | 51 |
| 6.8 | Exam Template Page-2 | 52 |
| 6.9 | Exam Template Settings Page | 53 |
| 6.10 | Add Questions Page | 54 |
| 6.11 | Question Library Page | 55 |
| 6.12 | Exam Submission Page | 56 |

**LIST OF ABBREVIATION**

|  |  |
| --- | --- |
| AI | Artificial Intelligence |
| HR | Human Resource |
| GPA | Grade Point Average |
| AISLE | Artificial Intelligence-based  Student Learning Evaluation |
| XML | Extensible Markup Language |
| CAT | Computerized Adaptive Testing |
| IRT | Item Response Theory |
| RDATS | Response-Driven Adaptive  Test System |