Aum Amriteswaryai Namaha



**Minor Project 21CSA697A**

**Interim Report**

**Title:** Frontend Development using React And Data Manipulation in JavaScript

**Student Name:** Anantha Krishnan S

**Roll No.:** AA.SC.P2MCA2207023

1. **Course Overview**

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| **Sl. No.** | **Courses** | **Completed/Not completed** | **Outcomes**  *(Describe the learning outcomes achieved from each course)* |
| **1.** | Frontend Development using React | **Completed** | Proficiency in building interactive interfaces using React. Practical application of React components and state management. |
| **2.** | Data Manipulation in JavaScript | **Completed** | Comprehensive understanding and practical application of JavaScript data manipulation concepts. |

1. **Assessments Completed**

*(Provide screenshots)*

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| **Sl. No.** | **Courses** | **Assessments** |
| **1.** | Frontend Development using React |  |
| **2.** | Data Manipulation in JavaScript |  |

1. **Abstract of the project**

In this hands-on project, I am integrating the knowledge gained from the "Frontend Development using React" and "Data Manipulation in JavaScript" courses. The main objective is to create a quiz app using React, utilizing the Open Trivia Database API (<https://opentdb.com/>). The app allows users to select a category, choose the number of questions (minimum 1), pick the difficulty level, and select the question type (multiple choice, true/false). The project demonstrates the seamless integration of JavaScript data manipulation and React frontend development.

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| **Date 20/01/2024** |
| **Student Name and Signature   Anantha Krishnan S** |