Annexure -1

**Synopsis for Minor Project-I**

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| **Roll No** | **Regd No** | **Name of the Student** |
| 22CSE213 | 22UG010346 | SHAMIT MISHRA |
| 22CSE229 | 22UG010362 | ABHIJEET BHARIMAL |
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| **Title Of Project:** |
| **Synopsis:**  **About SmartFinance**  Welcome to SmartFinance, a comprehensive web-based application designed to help users manage their personal finances effectively. Our platform provides an intuitive and secure interface for tracking income, expenses, and savings, giving users a clear understanding of their financial health.  **Our Purpose**  The primary goal of SmartFinance is to empower individuals by offering valuable insights into their financial habits. We aim to make personal finance management accessible and straightforward for everyone, regardless of their financial expertise.  **Features**   1. **User Authentication:** Secure sign-up, login, and password recovery options to ensure user data privacy. 2. **Dashboard:** A comprehensive overview of the user's financial status, including total income, expenses, and net savings, with visual representations such as charts and graphs. 3. **Income and Expense Tracking:** Functionality to add, edit, and delete transactions, with categorization options for better organization. 4. **Budgeting:** Tools to set monthly budgets for different spending categories, track budget usage, and receive alerts when nearing budget limits. 5. **Reporting and Analysis:** Generation of detailed financial reports for specific periods (weekly, monthly, yearly), helping users to visualize spending patterns and trends. 6. **Recurring Transactions:** Management of regular income and expenses, automatically adding these to the ledger to ensure accuracy and consistency. 7. **Data Export/Import:** Features to export financial data to CSV or Excel and import transactions from these formats, allowing for easy data backup and migration.   **Our Vision**  We envision a world where everyone has the knowledge and tools they need to take control of their finances. By providing accurate and accessible financial information, we hope to improve financial literacy and help individuals achieve their financial goals, leading to a more secure and prosperous life.  **Technology Used**   * Frontend: React * Backend: Flask * Database: SQLite * Chart Libraries: Chart.js or Recharts * Authentication: JWT   **SmartFinance** is more than just a financial tracker; it's a step towards financial independence and informed decision-making. |

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| **Group No:** | |
| **Name of the Supervisor:** | **Name of the Class Teacher:** |

**Supervisor Class Teacher Project Coordinator**