**Proposal Report**

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**Team Proposal Topic:**

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| **Spoorthi Hassan Sathyanarayana** | Online food delivery platform |
| **Sri Ramya katukuri** | Electronic health records (EHR) database management system. |
| **Sathwika Karingu** | Real Estate Listing Platform |
| **Ashwitha Kollapineni** | Independent artist streaming and revenue management system |
| **Shreenath jinaga** | **Corporate Expense Management & Approval System** |

### ****Selected Project Topic:** Corporate Expense Management & Approval System**

### ****General Description – Objectives and Scope****

The proposed database system is for managing and streamlining the corporate expense approval and tracking workflow. This system can be used by organizations to handle the expenses claimed by employees, track department-wise budgets, monitor payment distributions and further enforce hierarchical approval mechanisms. This could function at the department level and help integrate the expense data with accounting and budgeting systems for quarterly or monthly reporting as required.

The goal is to improve transparency, reduce manual approvals, and prevent overspending through proper budget controls and audit trails.

### ****Specific User Requirements****

* Employees can submit detailed expenses with multiple purchased items attaching the required bills.
* Managers can review and approve/reject expenses submitted by employees based on the department budgets.
* Multiple levels of approval can be included. (e.g., Team Lead → Finance Dept → Director).
* System supports multiple categories of expenses like travel, accommodation, food, office supplies, work from home expenses like internet/Wi-Fi etc.
* Budgets are monitored and tracked at a department level and compared against actual expenses.
* Payment records are stored for approved expenses.
* Admins can view audit reports of all approval actions.
* Vendors used in reported purchases can be tracked.
* Role-based access control to restrict who can approve, submit, and view.

### ****Proposed DBMS:** MySQL Workbench**

**Justification:**

* Intuitive graphical user interface to design and model a databse.
* Widely used in industries and supported by various platforms.
* Suitable for collaborative academic and real-world projects.