

➤ **Project -**

IEEE Bombay Section, Alhansat Solution,
Event management portal

➤ **Proposal Created by-**

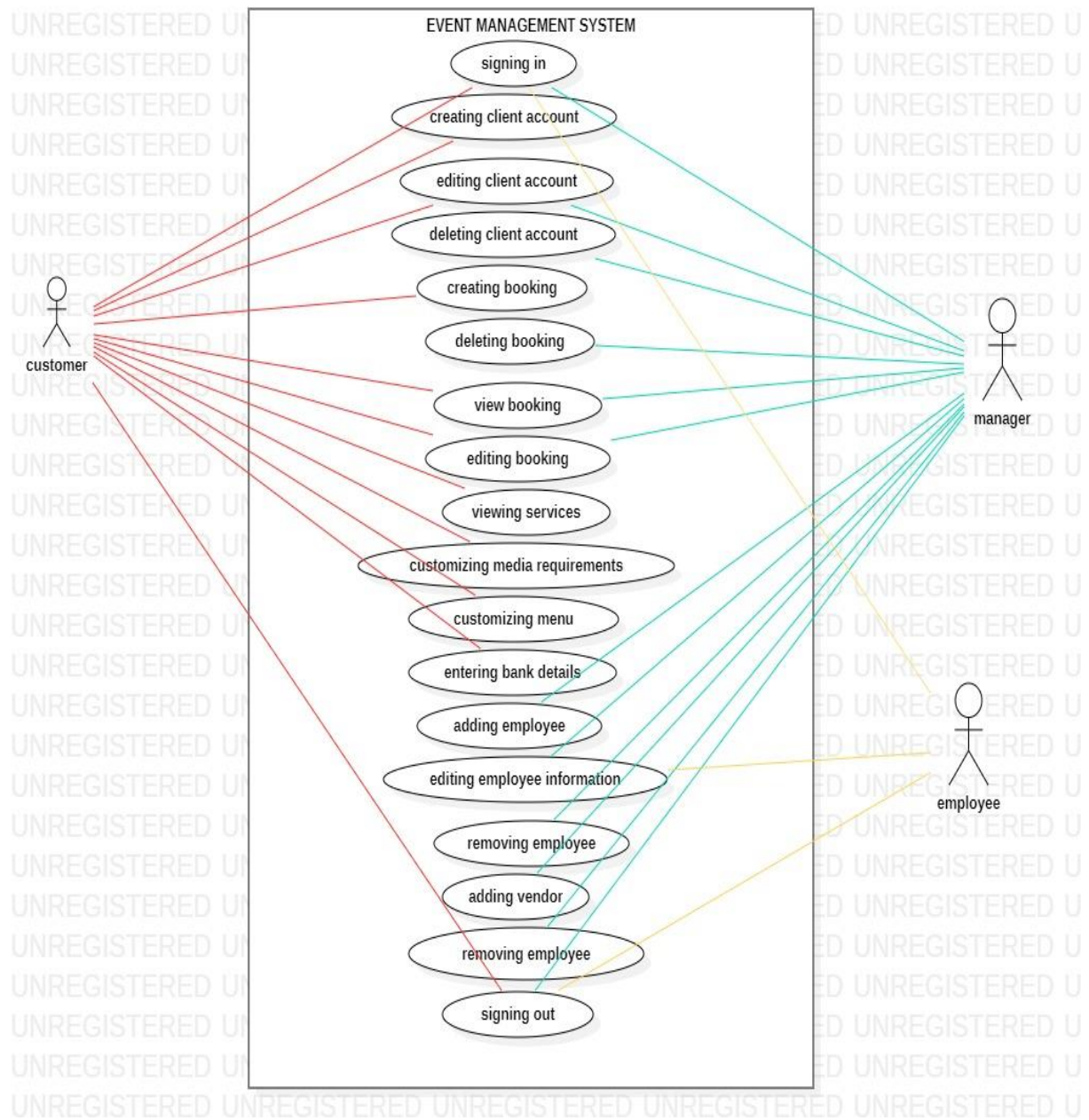
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Event Management portal- Intrepid Sire EMS

Categories -

- For Employees
- For Manager
- For Customer

Use case diagram -



Stakeholders-

- Manager
- Customer
- Employee
- Vendor
- Guests

Features-

- Minimal UI interface
- Smooth flow
- Easy to use
- Accuracy
- Error handling
- Robust database backend
- Easy to update
- Well designed
- Easy and fast retrieval of information
- Time efficient
- Space efficient

Functional Requirements-

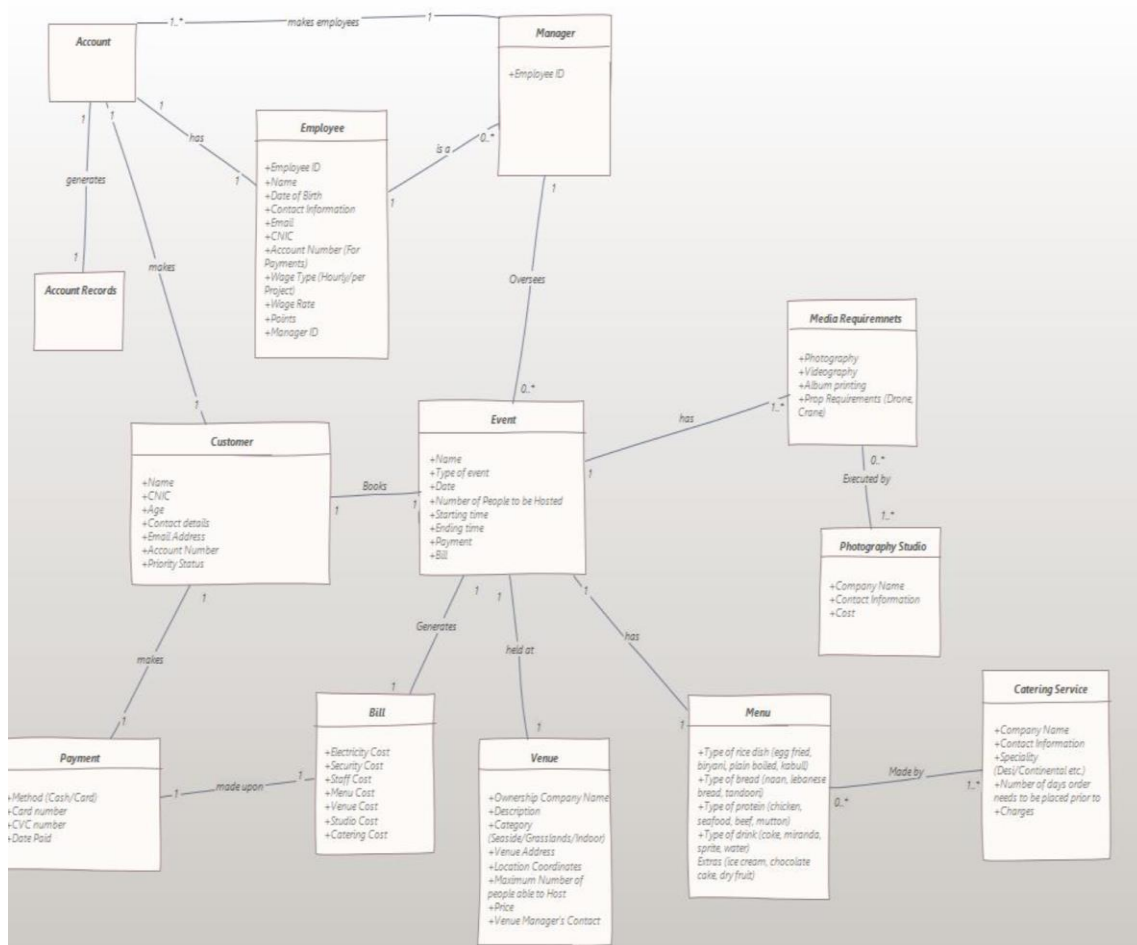
- Add/Delete client order
- Create/Edit/Delete client account
- View services
- Cancel bookings
- Data entry to database
- Customized catering menu
- Customized media services
- Generate event ID
- Generate customer ID
- Generate employee ID
- Generate catering ID
- Generate media ID
- Generate menu ID
- Generate studio ID
- Generate venue ID
- Generate total bill
- Enter Payment details
- Order confirmation
- Tax calculation
- Book Event
- Add/Remove employee
- Approve/Deny order
- Add/Remove vendors

- View orders
- Client sign in
- Manager sign in
- Employee sign in
- Pop up message
- Error alarm
- Sign out

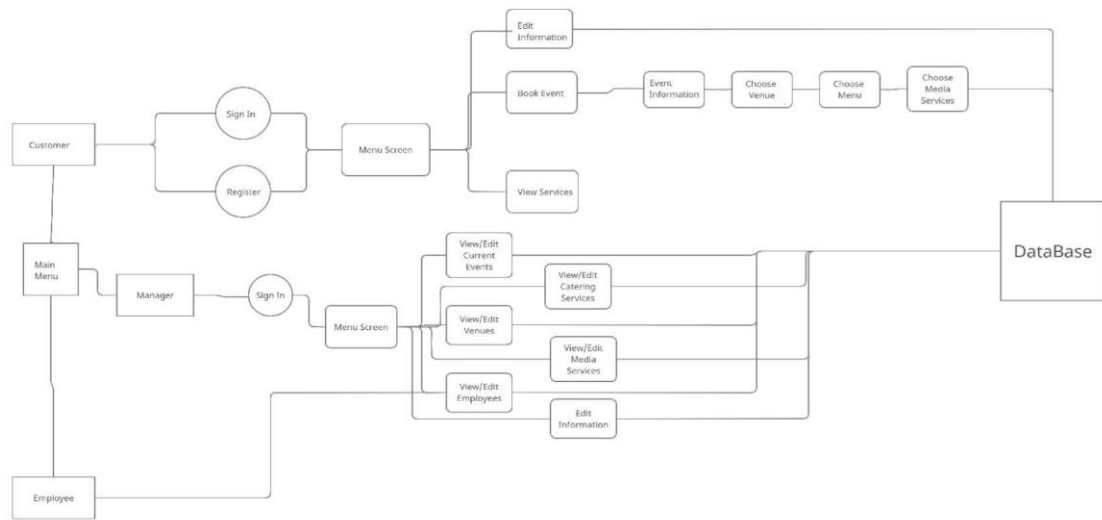
Non-Functional Requirements-

- Minimal interface
- Speed
- Portability
- Reliability
- Scalability
- Security
- Data integrity

Domain model-



Flow Diagram



Development setup-

- Programming language – Java
- Front end – FXML
- Hardware Interface – Windows 10
- Database – MySQL
- Framework – JavaFx
- Tools – IntelliJ IDEA 2020.3
- Libraries - java sdk 15.0.1, Jfoenix 9.0.10 and MySQL java connector 8.0.22.

Or

Alternative Lu.ma application-

Lu.ma - https://lu.ma/intrepid_sire