



Project for CSE471

Title of the Project:

Travel Planning and Tour Guide Finding Portal

Group Number:05

Group Members:

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Data Flow Diagram

Data Flow Diagram is a graphical representation of data flow through a computer system and depicts how information flows through a system. Three diagrams below show a context diagram and level-1 diagram of important features of our system how information of accounts is managed, how donation process work, how volunteers form request are processed.

Account Management Flow Diagram

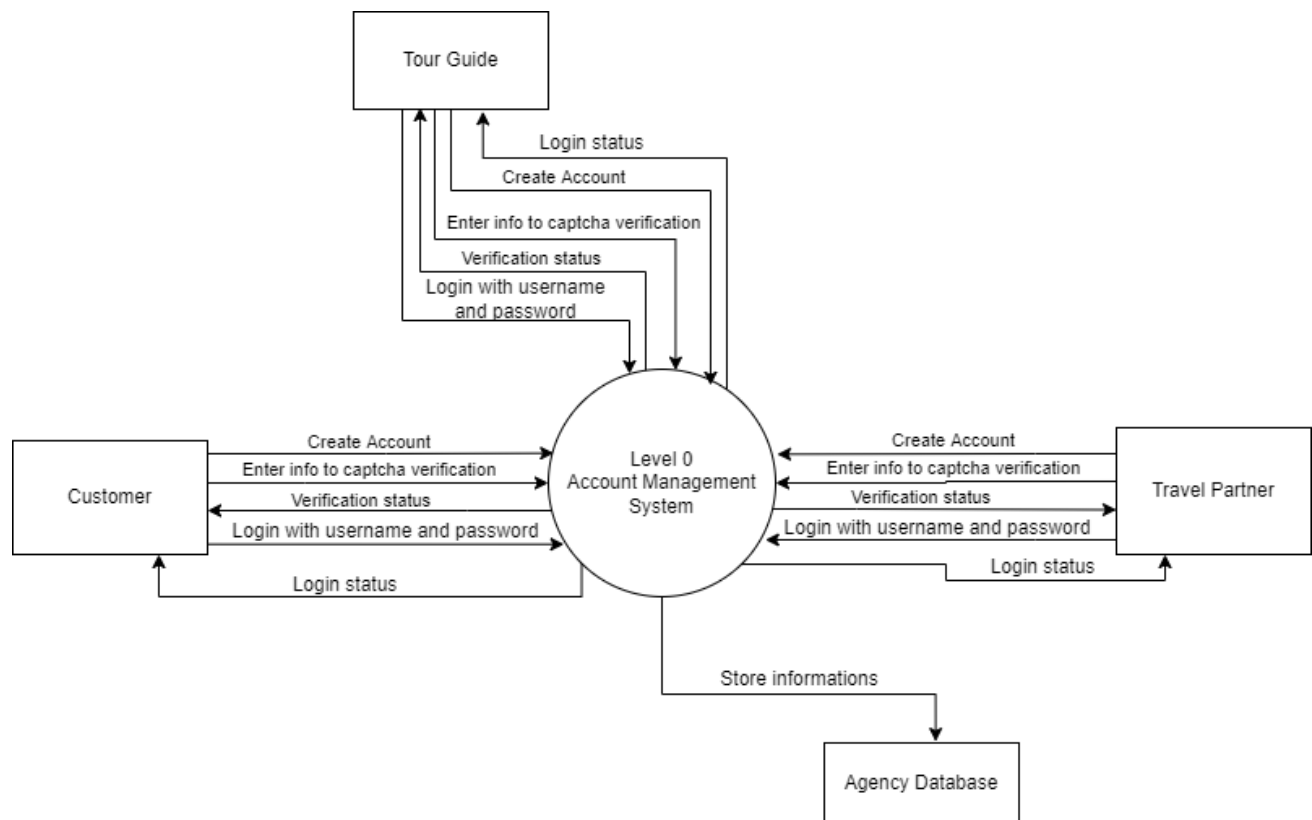


Figure: Account management context diagram

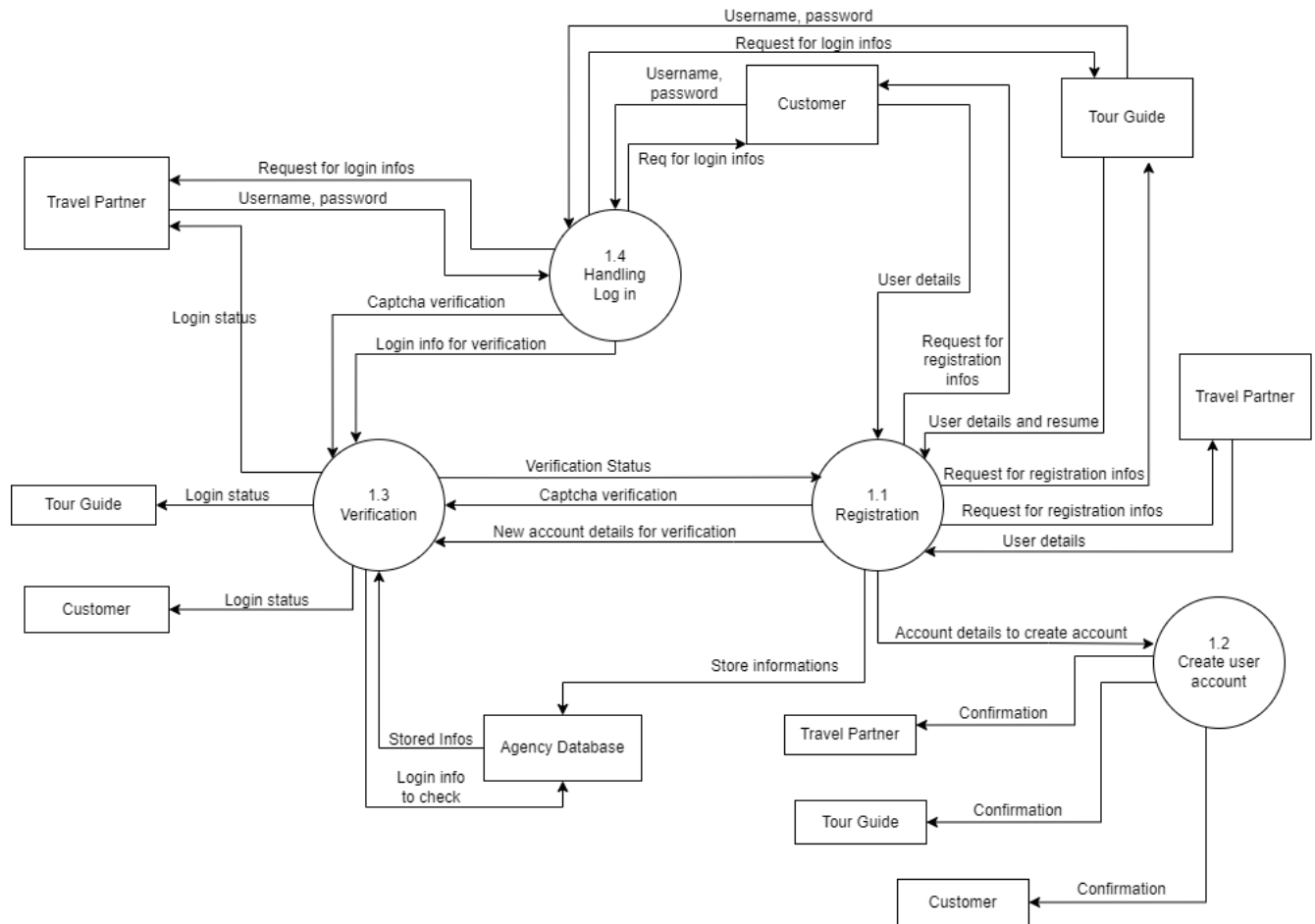


Figure: Account management level 1 diagram

Short Description:

All of the users can both register and sign in into the system. To register, they need to provide their email address, password, date of birth and phone number. On the other hand, they can login using their registered email and password. While both login and register they need to pass the captcha verification test from the system. Also, their information will be stored in the database while they register.

Travel Package Management Flow Diagram

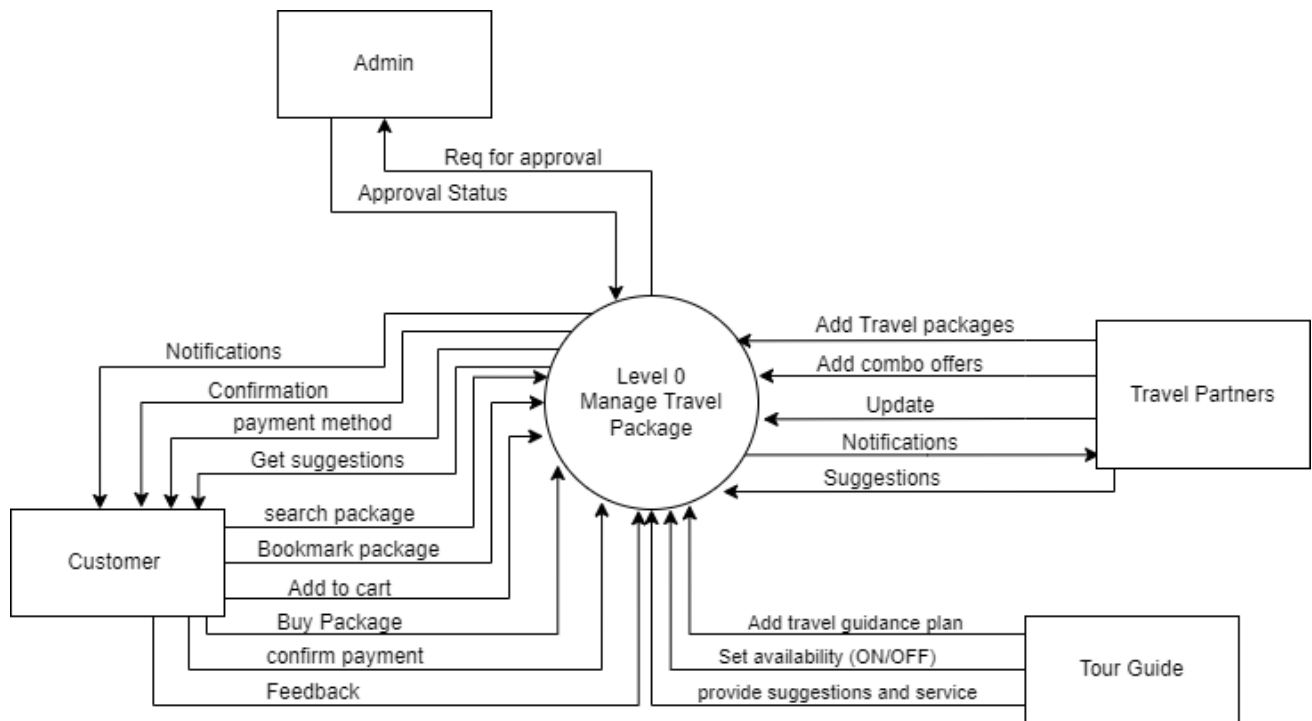


Figure: Travel package management context diagram

Assignment for CSE471

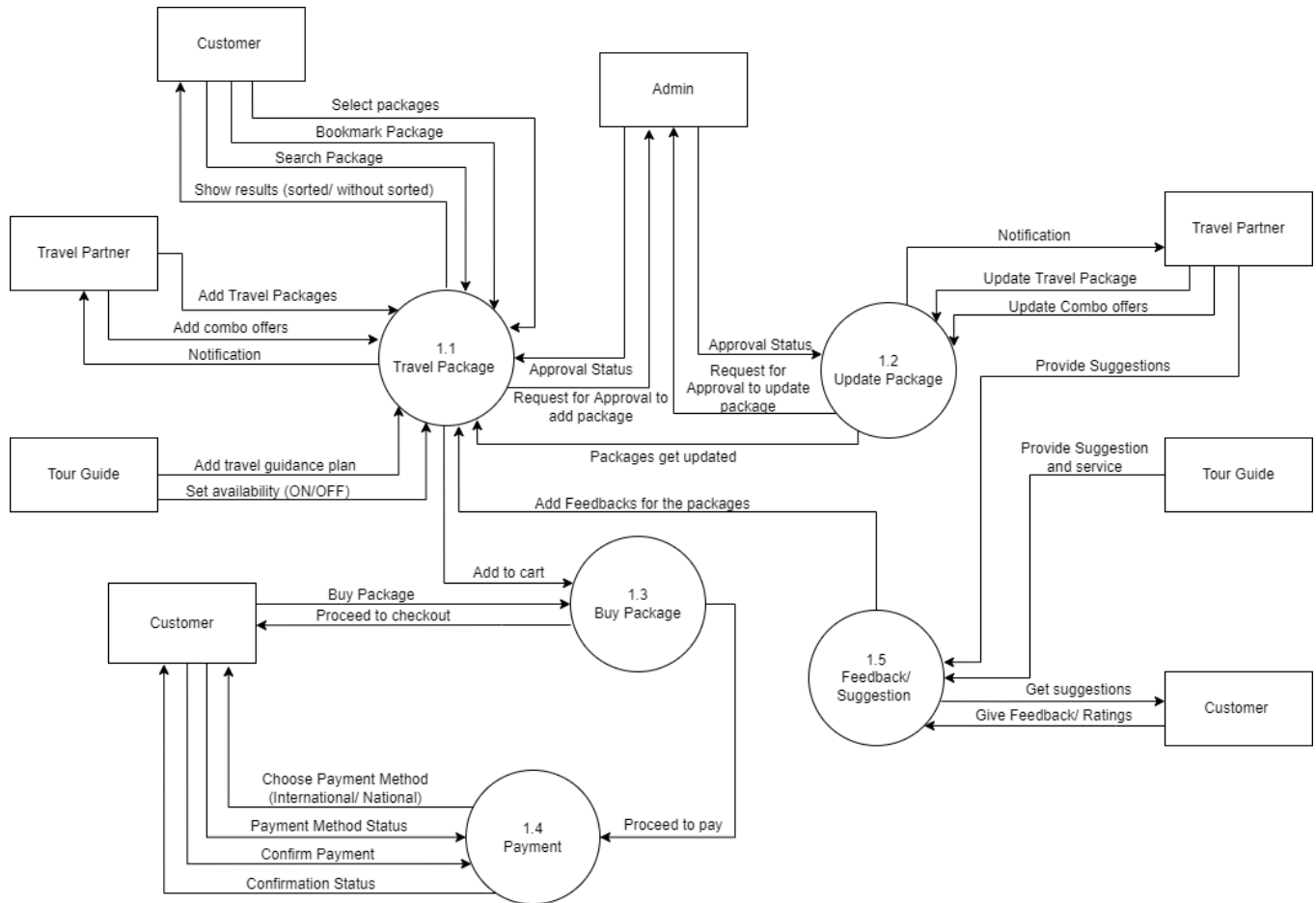


Figure: Travel package management level 1 diagram

Short Description:

This data flow diagrams represent the travel package managing system where packages can be added, updated and bought by the customers. Travel partners here add their travel packages with details and pictures, add offers and in times they can update any package which requires admin approval. Tour guide can provide guidance and give suggestions. Customers here can roam around the package system and buy their desirable package through different payment methods.

Communication System Flow Diagram

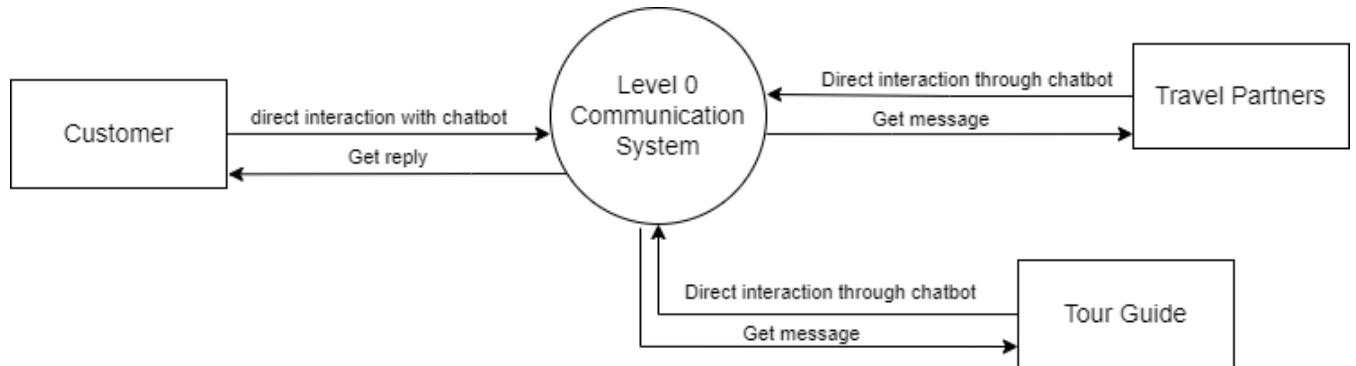


Figure: Communication system context diagram

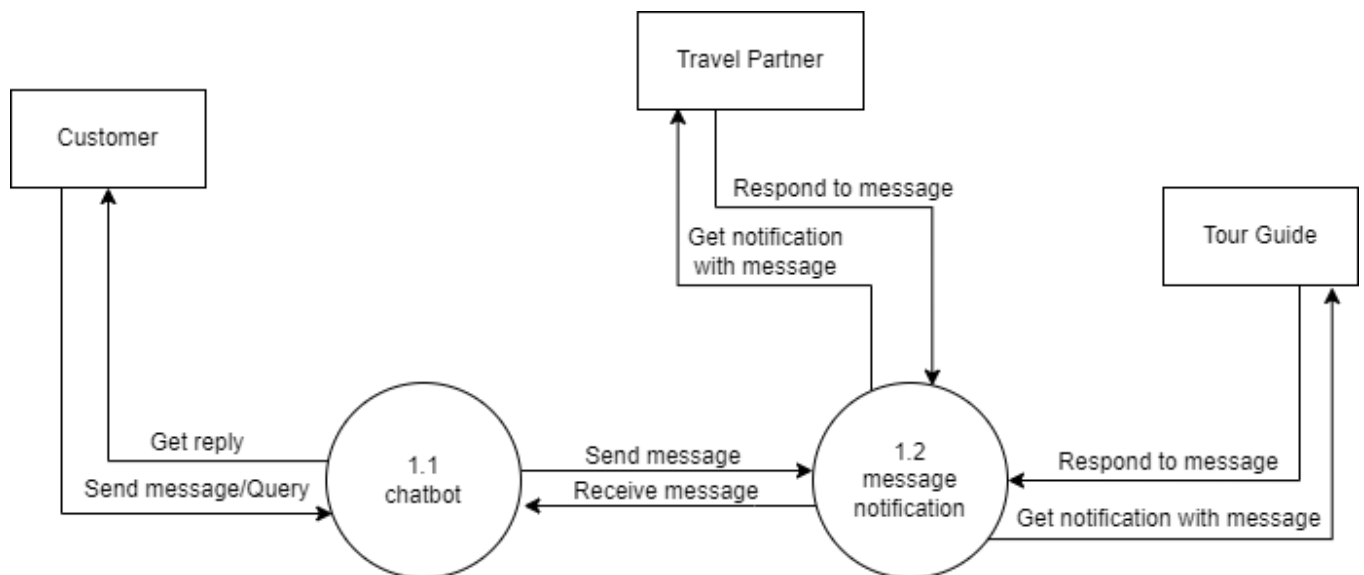


Figure: Communication system level 1 diagram

Short Description:

The Communication system flow diagram shows the interaction between travel partners, tour guides and customers through system. Customers can directly chat with agencies and guides by chat bot or direct message option. Each of the users will get notification each time they received any message.