Rajiv Gandhi University of Knowledge Technologies

(Catering the Educational Needs of Gifted Rural Youth of A.P)

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TRAVEL AND TOURISM

Supervised by

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This Project report has been submitted in fulfilment of the requirements for the

Degree of Bachelor ofTechnology in Software Engineering.

ABSTRACT

Pakages is a web application which shows categories of adventurous places. Under this categories, a list of places will be displayed. Anyone who visits the website can check the packages. With the help of instructions they can make quick booking for which they want to travel.The places which we are displayed are very adventurous and enthusiastic.

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Most of the people in this world like to travel from one place to another no matter whether it is a small or large distance. Some People like to travel by train,flight,bus or by any other means of transport. This travel and tourism application is designed for the travel agency in which there is only one option of doing offroad treking reservation in order to reach the intended destination.The travel and tourism system is one of the application that will help the customers for booking tickets for desired destination or location.Booking of tickets will be done with a great ease and without any difficulty.The user interface must be simple and easy to understand.This application will help in accessing the information related to the travel to the particular destination with great ease and users can track the information related to the tours very easily.

1.1 Purpose

The main objective of this document is to present the requirements of this project. This project "Project Name" is used to automate all process of the travel and tourism, which deals with creation, booking and user details. Travel and tourism management is used to book a tour from anywhere in the world by a single dynamic website which will help the user to know all about the places and tour details in a single website. The admin will manage all the details of the website.It is an easiest platform for all travellers which can be easily booked and know the all details.

1.2 Intended Audience

The intended audience for this document includes the interested software developers and the travel agents who are going to use this software. This project is being developed under the guidance of Ms.Udaya sree madam.This software is also useful for the customers in directly accessing the website.

1.3 **MODULES** that can be included in the tourist management system application SRS are as follows:

- **Home module :** This module will give information about the popular places or most visit places avilable in the website.

- **About module :** This module will give information about the tourist management website like and services provided by the tourist management.

- **Packages module :** This module will give the detailed information about the adventurous places.

- **Booking module :** This module will ask for the information of the customer which are required for the booking of the tour.

1.4 Project Scope

1. Project Name project can prove to be immensely useful for the travellers and travel agents with little management facilities.
2. There are annually 1652 million domestic travellers in our country according to the statistic provided by ministry of tourism.
3. This huge number of travellers who need an affordable and comfortable journey can use this software to find their suitable option.
4. The proposed system is designed to be more efficient than the manual system.
5. It invokes all base tasks that are now carried out manually, such as the forms transactions and reports which is added advantage.
6. The proposed System is completely computer-based application.

1.5 Intended Audience and Reading Suggestions

The Software Requirements document is intended for:
- Developers who can review a project's capabilities and more easily understand where their efforts should be targeted to improve or add more features to it (designed code the application-it sets the guidelines for future development).
- Project testers can use this document as a base for their testing strategy as some bugs are easier to find using a requirements document.
- End users of this application who wish to know about the available places that are present in the website.

2. OVERALL DESCRIPTION

2.1 Product Functions

- Shows available modules
- Shows available places provided by the travel agency
- Booking the tour

2.2 Operating Environment

- All Operating Systems
- Some of the browsers

2.3 Software Requirements

Scripting Languages
- HTML
- CSS
- Bootstrap
- JAVA SCRIPT
- PHP

2.4 Hardware Requirements

A computer system or laptop with basic configuration.

3. SOFTWARE REQUIREMENT SPECIFICATION

Software Requirement Specification is a description of full software system requirements. Software Requirement Specification describes the behaviour of software from user's point of view.The functional requirements and non-functional requirements are following:

3.1 Functional Requirements

1. User Registration

This module covers the details of the users which are required for the registration. User can register itself by adding data like name, password,

email id and further details. After registration they can be sign in by their username and password.

2. Package Creation

The admin can add packages to the package module ,which includes the price, place details of the place.All the tour package details can be added in the package module.Most popular places are shown in homepage of this website.

3. Booking

 This module maintain the booking of travel packages by the user by selecting a place within the avilable date.Booking module ask the details of email,address of the customer,price,arrival time etc.And finally tour is booked to the desired location.

3.2 Non-Functional Requirements

1.Reliability

User should get appropriate information about Places and tourism.Sensitive details of users are safe and secured.

2.Usability

Checking that the system is easy to handle and navigates in the most expected ways with no delays. It has good graphical user interface. It is user friendly. So user feel easy to use.

3.Availability

User should get information 24x7. User can access this software any time, anywhere.Most of the requests sent to the application should be answered within less time.

4.Performance

Tourism management System application should be able to respond to the queries submitted by the customer without much delay. When a user searches for a tour location, the application should not take much time to return the results, similarly for the motel and package information.

5.Security

As it is a web based application it should be more secure in order to save confidential data from hackers.Our software hides the confidential data like contact info of our users.

6.Platform Compatibility

This tool will work on any kind of operating system without modifying it.

7.Efficiency

It is efficient for all user.Because it is easy to use and easy to understand. It has simple way of work that user want to do.

3.3 Software Requirement Analysis

Software requirement analysis is important part of our project. If requirement of project is clear then a project can be done easily.Our objectives for software requirement are:
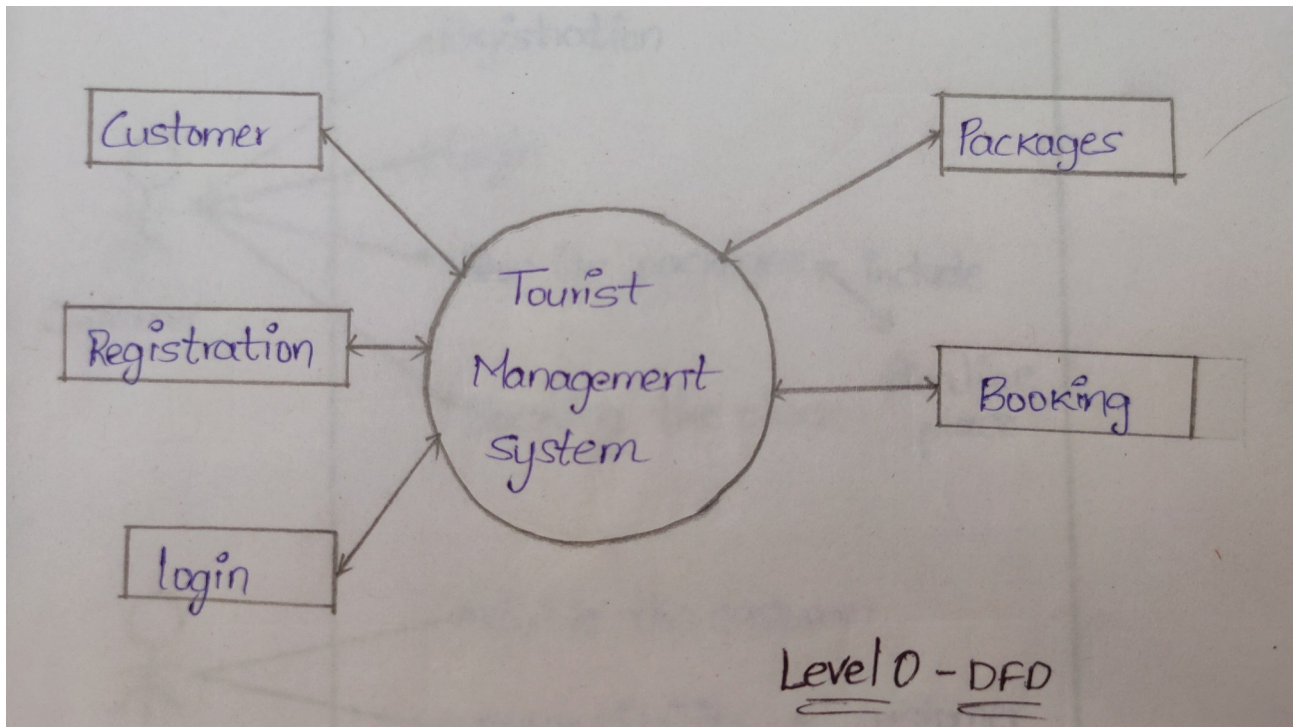
3.3.1 Objective/Goals

- Customer can report of complain or give feedback through online.
- Admin can know which problem and where and can know everything about website.
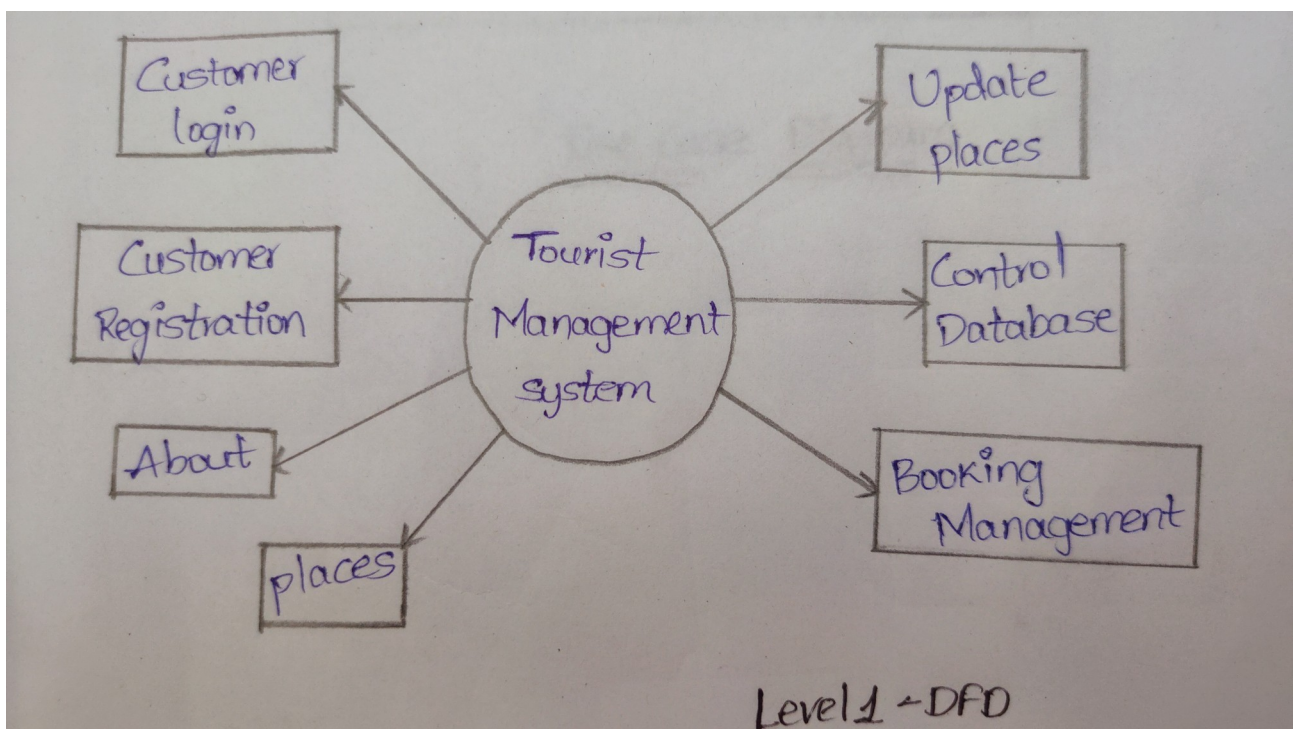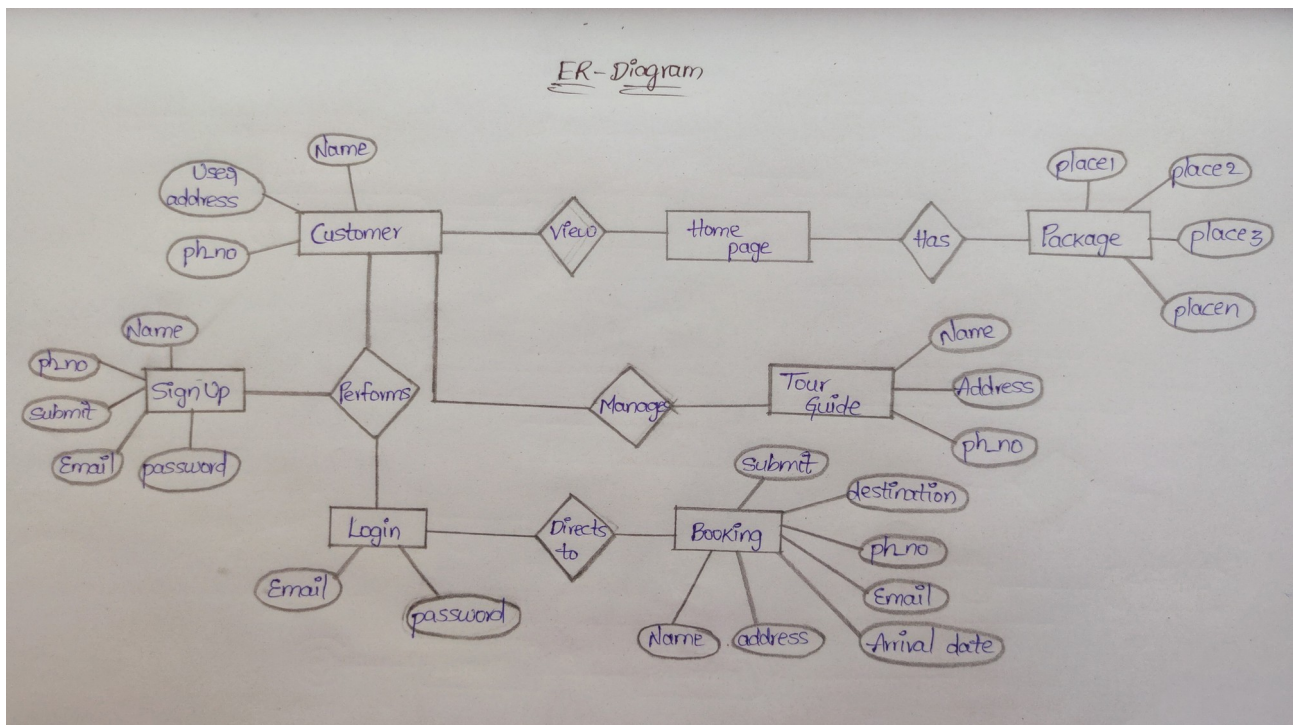
4 SYSTEM DESIGN
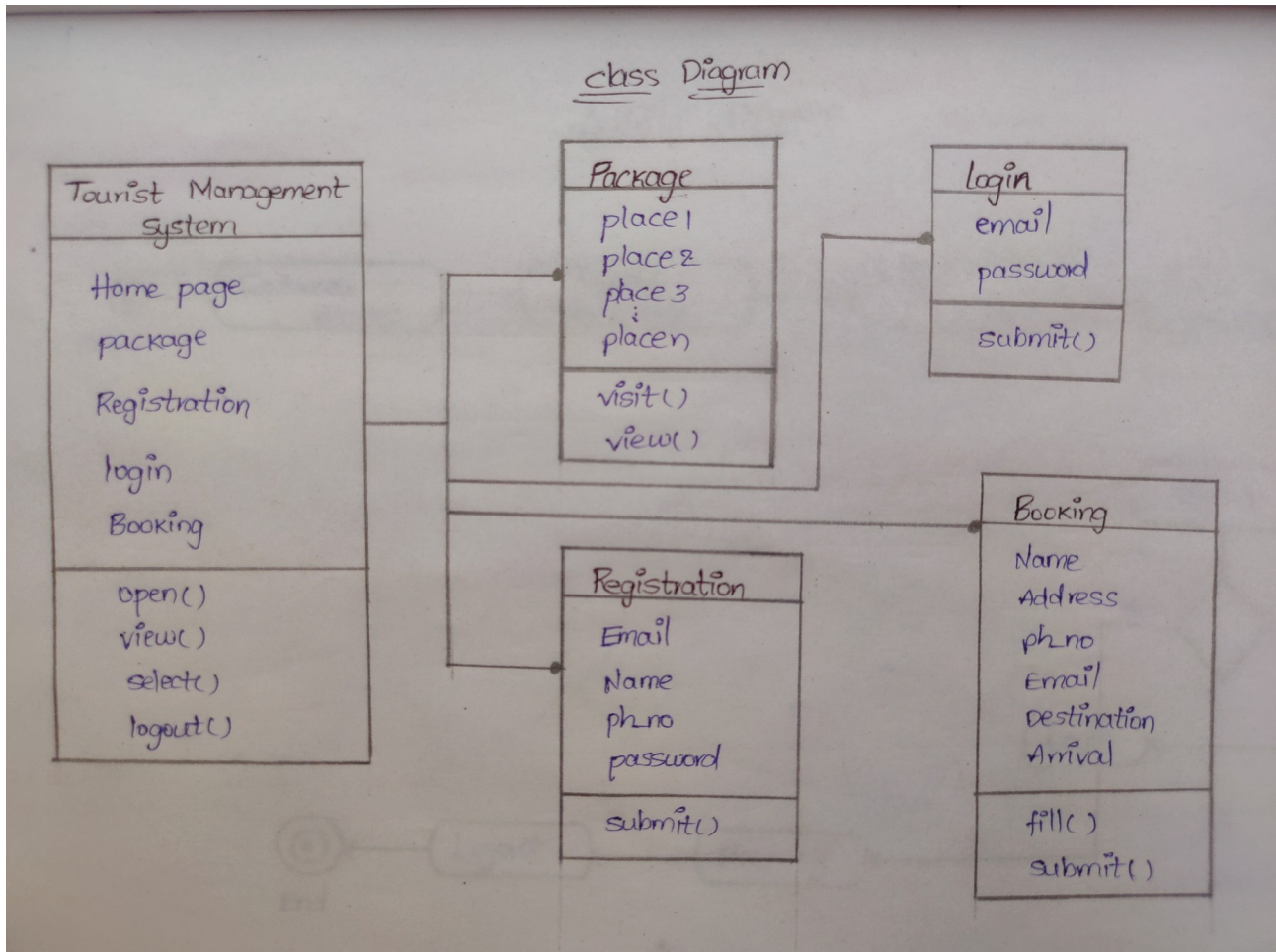## 4.1 DFD Diagram

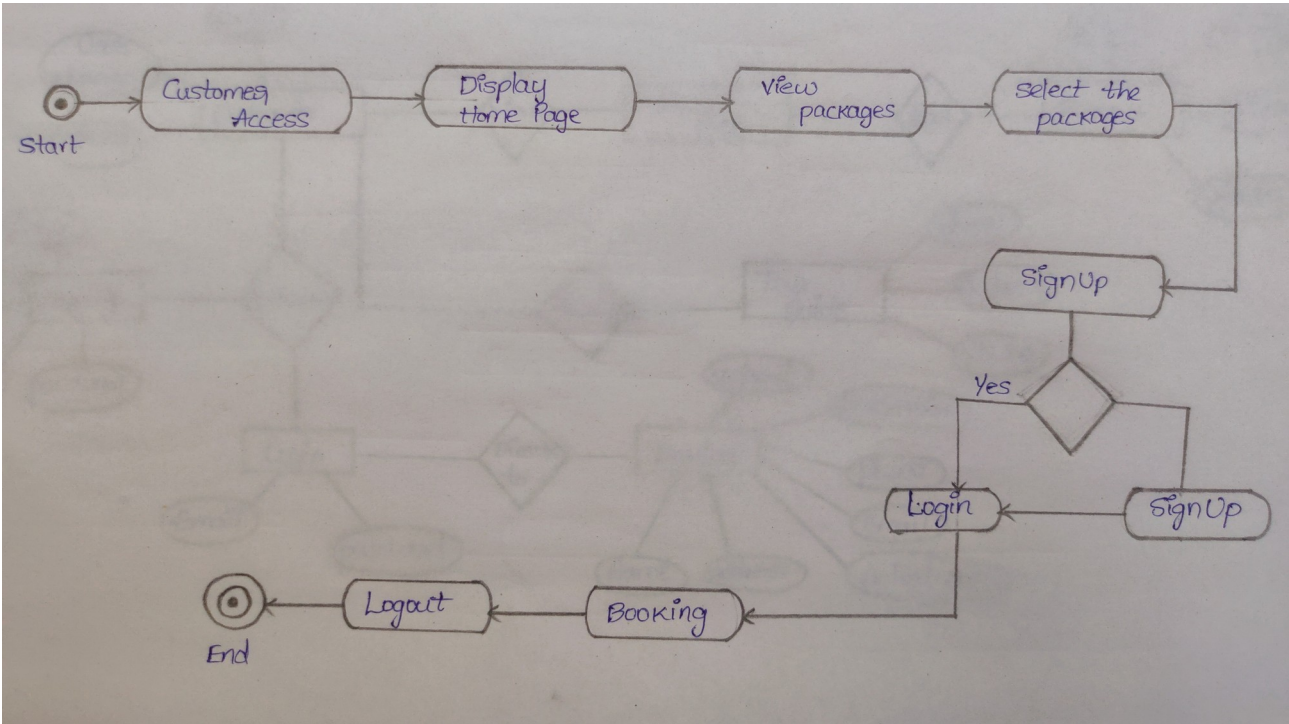## Zero-Level DFD

First Level DFD

4.2 ER Diagram

ER-Diagram

4.3 UML Diagrams

Class Diagram

class Diagram

Tourist Management System
- Home page
- package
- Registration
- login
- Booking

- open()
- view()
- select()
- logout()

Package
- place1
- place2
- place3
- :
- placen

- visit()
- view()

Login
- email
- password

- submit()

Registration
- Email
- Name
- ph_no
- password

- submit()

Booking
- Name
- Address
- ph_no
- Email
- Destination
- Arrival

- fill()
- submit()

Activity Diagram

Use Case Diagram

Use Case Diagram

Sequence Diagram