# Summer 24: Task 1 – Design

## Sitemap

## Use Case Diagram (UCD)

## Visual/Interface designs

### Styles

#### Font

#### Spacing

### Page Mock-ups

#### Landing Page

#### Login Page

## Data requirements

### Data Dictionary

### Database Structure

#### Users

#### Hotel Reservations

### Data Normalisation

#### First Normal Form (1NF)

#### Second Normal Form (2NF)

#### Third Normal Form (3NF)

### Entity Relationship Diagram (ERD)

### Sample SQL Statements

#### Adding a new user

#### Getting an existing user’s password

## Algorithm designs

### Registration

### Login

## Test strategies

### Strategy Dictionary