

***vacation rental system***

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**Members Names**:

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FCIS

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***• the introduction of project:***

A **vacation rental** is the renting out of a [furnished](https://en.wikipedia.org/wiki/Furnishing) [apartment](https://en.wikipedia.org/wiki/Apartment), [house](https://en.wikipedia.org/wiki/House), or professionally managed resort-condominium complex on a temporary basis to tourists as an alternative to a [hotel](https://en.wikipedia.org/wiki/Hotel). The term *vacation rental* is mainly used in the US. In Europe the term villa rental or **villa holiday** is preferred for rentals of detached houses in warm climates. Other terms used are self-catering rentals, holiday homes, holiday lets (in the United Kingdom), cottage holidays (for rentals of smaller accommodation in rural locations)

Vacation rentals have long been a popular travel option in [Europe](https://en.wikipedia.org/wiki/Europe) (especially in the [UK](https://en.wikipedia.org/wiki/United_Kingdom)) as well as in [Canada](https://en.wikipedia.org/wiki/Canada) and are becoming increasingly popular across the world.

So... we have made a system that helps us to rent holidays easier and we see the opinions of people who rented the place before us and so it is…

***• Problem definition***:

**1-** Do not finish some tasks on time such as familiarity with the tasks of each individual in the group

2-try to divide it between us and summarize the list of the final tasks

3-the duration of each task and arrange.

4-The idea of ​​imagining the design of the project.

5-the work of UI for the project.

6- The idea of ​​facilitating the customer to enter the application and booking quickly.

***• System Objections:***

1-Through this application customer can quickly access the hotels located in the region …

2-provides customers with a service to know the prices of booking and hotels that have empty and filled places…

3-also quick search for any customer at the hotel and the date of registration and the length to be spent and full information about each hotel in the area…

4-We will provide the system by making it able to take reviews on the places and evaluate them to make the choice of places favorite and loved for everyone to find it easily.

***• System Requirements:***

the security (Authentication and authorization) and concurrency of the data, managed errors and failures (by handling exceptions

in code).

• System users could be Admin or user; a system should keep data about users.

***• System Functionalities:***

1- Admin manages users' information, manage places' information and locations.

2-The user search for places to visit in the city, add the venues they like on their trips, rate the venues and write reviews, search

for trips made by other users for a specific city, and view all previous trips made on a general or specific date (Note: For each trip,

the user can add places and write reviews and rate the venues).

***• System Scenario:***

users will log in to the system using his/her username and password, then if the user is an admin, a new interface with multiple

taps appear to him to choose one of the system functions, a user will select any tap that represents a system function manage user's information.

other interfaces appear if he is a user.

***•Time plan Table without milestones :***

*…****T****his is the table of the duration time of tasks on project.*

|  |  |  |  |
| --- | --- | --- | --- |
| **Task No** | **Tasks name** | **Depend** | **Duration** |
| **task 1** | customer request |  | **2 Days** |
| **task 2** | Appointment | T1 | **7 Days** |
| **task 3** | Interview | T2 | **6 Days** |
| **task 4** | collect System | T3 | **11 Days** |
| **task 5** | Design initial plan | T4, T3 | **15 Days** |
| **task 6** | Time plan | T5 | **6 Days** |
| **task 7** | Estimate cost | T 4, T 5 | **7 Days** |
| **task 8** | System analysis | T4, T5 | **4 Days** |
| **task 9** | Design database | T4 | **3 Days** |
| **task 10** | system design | T8 | **5 Days** |
| **task 11** | Implementation | T10 | **20 Days** |
| **task 12** | Testing | T11 | **5 Days** |

* ***Time plane Table with milestones:***

|  |  |  |  |
| --- | --- | --- | --- |
| **Task No** | **Tasks name** | **Depend** | **Duration** |
| **task 1** | customer request |  | **2 Days** |
| **task 2** | Appointment | T1 | **7 Days** |
| **task 3** | Interview | T2 | **6 Days** |
| **task 4** | collect System | T3 (M1) | **11 Days** |
| **task 5** | Design initial plan | T4, T3 | **15 Days** |
| **task 6** | Time plan | T5(M2) | **6 Days** |
| **task 7** | Estimate cost | T 4, T 5 | **7 Days** |
| **task 8** | System analysis | T4, T5 | **4 Days** |
| **task 9** | Design database | T4 | **3 Days** |
| **task 10** | system design | T8 | **5 Days** |
| **task 11** | Implementation | T10 (M3) | **20 Days** |
| **task 12** | Testing | T11 | **5 Days** |