**10)** Probable technical requirements

A simple form allows collecting customer name, email address, phone number, arrival date, number of nights to stay and the number of guests to book a room which is useful especially for hostels and small hotels

**The essential features a hotel reservations system should have**

* Associate every online booking with an account.
* Limit every account to a single user.
* Enable users to search and find the most relevant booking options.
* Accept date and time to check available rooms for that particular time.

The following requirements relate to code installation only. The Online Booking Manager products are web-based applications designed to run on a PHP/MySQL/Apache server. This can either be your own server or a hosted account.  
For best results and compatibility, we recommend using PHP/MySQL/Apache Server on a Unix based platform. If you have any questions about server setup or installation, please [contact us](http://www.onlinebookingmanager.com/contact.php).

### Server Requirement:

* Operating Systems: Win98 / NT / 2000 / XP / Linux / Solaris / HP-UX
* Server: Apache (with ionCube support)
* Server Side: PHP (builds compatible with the standard API)
* Database: MySQL

1) The client for whom the work will be done.

(HAMMAD UR REHMAN)

2) List of team members and email addresses.

|  |  |
| --- | --- |
| AREEB KHAN | Areeb.7490.@iqra.edu.pk |
| SUMAN RAIS | Suman.9859@iqra.edu.pk |
| ARSHIA FATIMA | Arshia.9860@iqra.edu.pk |
| MINHAJ AHMED | Minhaj.8820@iqra.edu.pk |
| HASEEB UR REHMAN | Haseeb.9463@iqra.edu.pk |

* A written Feasibility Study and Plan (group assignment)

**Feasibility plan**

1. Conduct Market Research. When it comes to hotel booking websites, we mostly talk about the market of online travel agencies (OTAs).
2. Choose USP for Your Hotel Booking Website.
3. Choose Inventory Sources.
4. Plan your hotel booking website development.

**Feasibility Study**

Imperative result of preparatory examination is the assurance that the framework is achievable. Feasibility study aim to objectively and rationally uncover the strengths and weaknesses of the exiting project, opportunities and dangers as displayed by the earth, the assets required to help through, and eventually the prospects for progress.

* **Technical Feasibility**

To develop this project, .NET Technology was used, which has many features worldwide to develop any type of web application. So technically it only takes web development technology to make this product. So it is feasible to make it and no major risk to make the product as it has worldwide support. Team Foundation Server is used during the implementation of this project.

* **Operational Feasibility**

It shows how well the system solves the queries raised by the user. So, the system needs the proper management support i.e. the database must be well designed, efficient, normalized and have less redundancy.

* **Implementation Feasibility**

For implementing this project, Microsoft Visual Studio 2010 is used throughout the development. ASP.NET 4.5 Framework is used as front end tool for creating the web pages, C# language for coding and SQL Server 2008 as a back end.

Questions

1. Please provide some background information about your business (for example do you operate a hotel, B&B, hostel etc.) and describe the size of your business (for example the number of hotels / rooms / properties that you own and operate.

2. Please explain the different sales channels you use and their significance. For example:

• What proportion of your bookings come from Booking Websites and what proportion are made direct?

3. Please list, in the order of importance to your business, the Booking Websites that you use and explain whether this ranking has changed over the last two years.

4. What information are you required to provide in order to list your accommodation on the Booking Websites?

5. Do you provide information on pricing and room availability or the number of recent bookings and if so how often?

6. How do you provide this information to the Booking Websites?

7. What information is updated automatically and what information is entered manually?

8. How regularly is the information updated?

9. Are you aware of how Booking Websites rank your accommodation relative to other listings? If so, please explain the factors affecting your ranking.

10. Who determines how the price is presented on the Booking Website? What (if any) additional charges are not included in the price that first appears on Booking Website?

11. If your accommodation is displayed as being offered at a discounted rate on a Booking Website, please explain:

(a) The nature of the discount?

(b) Who determines when a discount is applied and how it is presented on the Booking Website?

12. Do you have any general comments or concerns from your experience of how Booking Websites work for accommodation providers and / or Consumers.

**9)**

**RISK ANALYSIS:**

Risk analysis should be performed as part of the risk management process for each project. The probability and the seriousness of the risk in hotel management system might be assessed as low or high. The effect of the risk might be assessed as serious. Tolerable or not so important

|  |  |  |
| --- | --- | --- |
| **RISKS** | **PROBABILITY(HIGH/LOW)** | **EFFECTS** |
| **Technology risk** | **HIGH** | **System crash/failure** |
| **User risk** | **LOW** | **Lack of user knowledge t use the system.** |
| **Organizational risk** | **LOW** | **Mental and health problems communication failure among workers in the organization** |
| **Estimation risk** | **HIGH** | **Budget imbalance** |

## Fallback Plan:

**A fallback plan** is a planned risk response, in other words, actions that the project team will carry out in case one of the previously identified risks will take place. Executing a fallback plan will help to mitigate the impact of risk onto the project and make sure that the project can still deliver its original objectives. If a fallback plan entails additional expenses, these are usually financed from the contingency reserve of the project.

Imagine yourself heading to the gym on a Saturday morning. Your original plan is to go to a yoga class. However, you know that Saturday mornings are quite busy at your local gym, so you suspect that the class might be fully booked by the time you arrive. Therefore, you mitigate the risk of missing a workout by taking your swimming gear with you and heading to the pool in case the yoga class will indeed be full.

## The Problems

Fake hotel owners still try to dupe the travelers through different platforms. Many of them still put up misleading images. Many of them still exaggerate their facilities; their washrooms are poor, room service is bad, dining is worst. All in all, even when digital, the hospitality arena isn’t as re-assuring for travelers as it aspires to be.

**Survey**

10) What operations do you want to automate?  
11) What features do you need beyond traditional hotel operations?  
12) What kind of data do you want to collect about your guests?How many records will it let you have?  
13) Are you using social media like Twitter and Facebook to communicate with your guests? Does you want your software support that?  
14) The hotel is used mainly for?