REQUIREMENT ANALYSIS AND FEASIBILITY

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REQUIREMENT ANALYSIS

HAPPY WEDDING-AN EVENT MANAGEMENT

SCRUM MASTER : Ms. Jetty Benjamin

1.) Project Overview?

An event management website which is totally focused on DESTINATION WEDDING. It provides customers to choose their desired destination/locations nationally or internationally with flawless facilities like five-star foods, celebs performance etc.

2.) To what extend system is proposed for?

In my website we provide customers WhatsApp facility, calling facility, google map integration, chatbot and a way to directly contact with workers for their need of requirements. We also give customers 360-degree panorama so that they can supervise their preferred location virtually.

3.) Specify the viewers/public involved in the system?

In this system the viewers are the customers those who came to book their wedding according to their requirements

4.) List modules included in your system?

In my system there are three modules: -

a.) **Customers:** These are the main part of my system in which they book their destination wedding.

b.) **Admin:** They are the central part of system in this admin have many duties likes confirming events booked by customers, assigning vendors/workers to work for that preferred wedding, assuring secured payments methods, solving all the queries of the customers through WhatsApp, or calling facility.

c.) **vendors:** They are the workers those are assigned by admins for different wedding on part-time/full-time basis and provide them the perks according to their services.

5.) **Who owns the system?**

The system is owned my developer as this project is just on academic basis. It is now not in use for commercial purpose that's why there is no specific owner rather than developer.

6.) **System is related to which firm/organisation/industry?**

The system is related to event management industry which mainly focuses on destination wedding.

7.) **In this system which technology is acquired?**

In this system/website I has used many technologies:

- **Frontend:** HTML/CSS
- **Backend:** Django
- **Technology:**
  - AI /ML for chatbots
  - Google map integration
  - WhatsApp facility
  - Calling facility
  - 360-degree panorama

8.) **Details of person that you have contacted for data collection?**

I have contacted people from an online destination wedding website. He is the manager of that company. I collect all the details required for my project that how they communicate with customers, how they assign vendors, how to help customers to choose best destination for their wedding.

9.) **Problems faced by existing companies?**

In existing companies if a user wants to use their services, they must take subscriptions but while using our websites they just have to login/signup freely. Our website provide three packages:

- **GOLD**: This is the most basic package which rate Rs. 5 lakhs which includes the catering, decoration, music and destination charges.
- **SILVER**: This is the second package which rate Rs. 20 lakhs which includes continental foods , decoration , music and destination charges.
- **PLATINUM:** This is the third and most prominent package which rates Rs. 25 lakhs

which includes all desired continental foods, music concerts, decorations, DJ, live streaming and destination charges.

And if Customers don’t like above given packages then have the option to customise their own packages and according to it they may be charged.

FEASIBILITY STUDY

Feasibility is defined as the practical extent to which a project can be performed successfully. To evaluate feasibility, a feasibility study is performed, which determines whether the solution considered to accomplish the requirements is practical and workable in the software. Information such as resource availability, cost estimation for software development, benefits of the software to the organization after it is developed and cost to be incurred on its maintenance are considered during the feasibility study. The results of the feasibility study should be a report that recommends whether it is worth carrying on with the requirements engineering and system development process.

If a system does not support the business objectives, it has no real value to the business. While this may seem obvious, many organisations develop systems which do not contribute to their objectives either because they do not have a clear statement of these objectives, because they fail to define the business requirements for the system or because other political or organisation factors influence the system procurement.

The main **objective of feasibility** is:

- To analyse whether software will meet organisational requirements.
- Whether software can be implemented with current technology and it can be made under provided budget and schedule.
- To determine whether software can be integrated with existing software.

There are mainly **three types** of feasibility:

- Technical feasibility
- Operational feasibility
- Economic feasibility

A.) **Technical feasibility: -** In this feasibility we will check whether the software, technology, system environments used by us can satisfy the organisational requirements with given budget and time.

It follows some questions:

1. **Do the stakeholders have the expertise needed?**

As it is an academic project there is no organisation or company it means there is no need of stakeholders or expert professionals. The technology used by me is guided by my scrum master which will help me to become an expert.

2. **Are additional resources needed in the system including infrastructure, skill- sets or job-aids?**

As it is an academic project so there is no need of infrastructure in big amount and there is no chance of job-aids until and unless I make it as a professional project.

I just need resources which is available from internet and rest is guided by my scrum master which will help me to increase my skill-set.

3. **Is the system ready in terms of technology required?**

Yes, my system is ready in terms of technology required because the programming language I am going to use supports mostly all types of technology very easily, it is very compatible and interoperable.

My website is implemented using:

- Frontend: HTML/CSS
- Backend: Django

In my website I use different technology like full time query solving through WhatsApp and calling facility, Google map to help to get proper destination, chatbots, feedback, 360 - degree panorama and live streaming for guest and customers

B.) **Operational feasibility:** assesses the extent to which the required software performs a series of steps to solve business problems and user requirements. This feasibility is dependent on software development team and involves visualizing whether the software will operate after it is developed and be operative once it is installed.

It follows some questions:

1. **Do existing system procedures and protocols support the new services?**

Yes, the software selected by me as a part of academic project supports all types of procedures and protocols. Which will help me to use new services or technology which will make my project more user friendly.

2. **How will the collaborators be involved?**

As it is a part of academic project so there is no need of collaborators. All the work is done by me with guidance and surveillance of my scrum master. As my website is very user friendly so customers or vendors do not need specific training to get familiar with my website

C.) **Economic feasibility:** determines whether the required software can generate financial gains for an organization. It involves the cost incurred on the software development team, estimated cost of hardware and software, cost of performing feasibility study, and so on.

It follows some questions:

1. **Do the resources needed exist?**

Yes, the resources needed by system to fulfil the organisational requirement exists in most advance form.

2**. Will the proposed services or initiative led to better use of resources to improve the outcomes. When compared with other options?**

The proposed services or requirements will utilize the resources efficiently so that desired outcomes can be acquired. The technology used by me supports all types of features and functions which compare to other technology is complicated to implement.