SOFTWARE SOLUTION

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Banquet Booking

A project of FA Software Solution

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Content

1. Business Requirements

The main business requirement of our banquet booking web app is that the customer and banquet owners & manager can deal through it easily and it saves their time and making the customers satisfy and all the problems and requirement can further deal by these processes & measurements.

1.1 Background

The main reason which lead to this project is that many banquet owner & manager are facing the problem of booking events and having records of them remembering everything, and even dealing the customers individually so they can make sure that they book their banquet. On the other hand, the customers have to visit each banquet so they can choose which banquet they have to book for their event but by this website they can see multiple banquet from home, can choose and compare multiple banquets, see their specialty and can also get good recommendation for their events.

1.2 Business Opportunity

The business opportunity we provide through this software solution are:
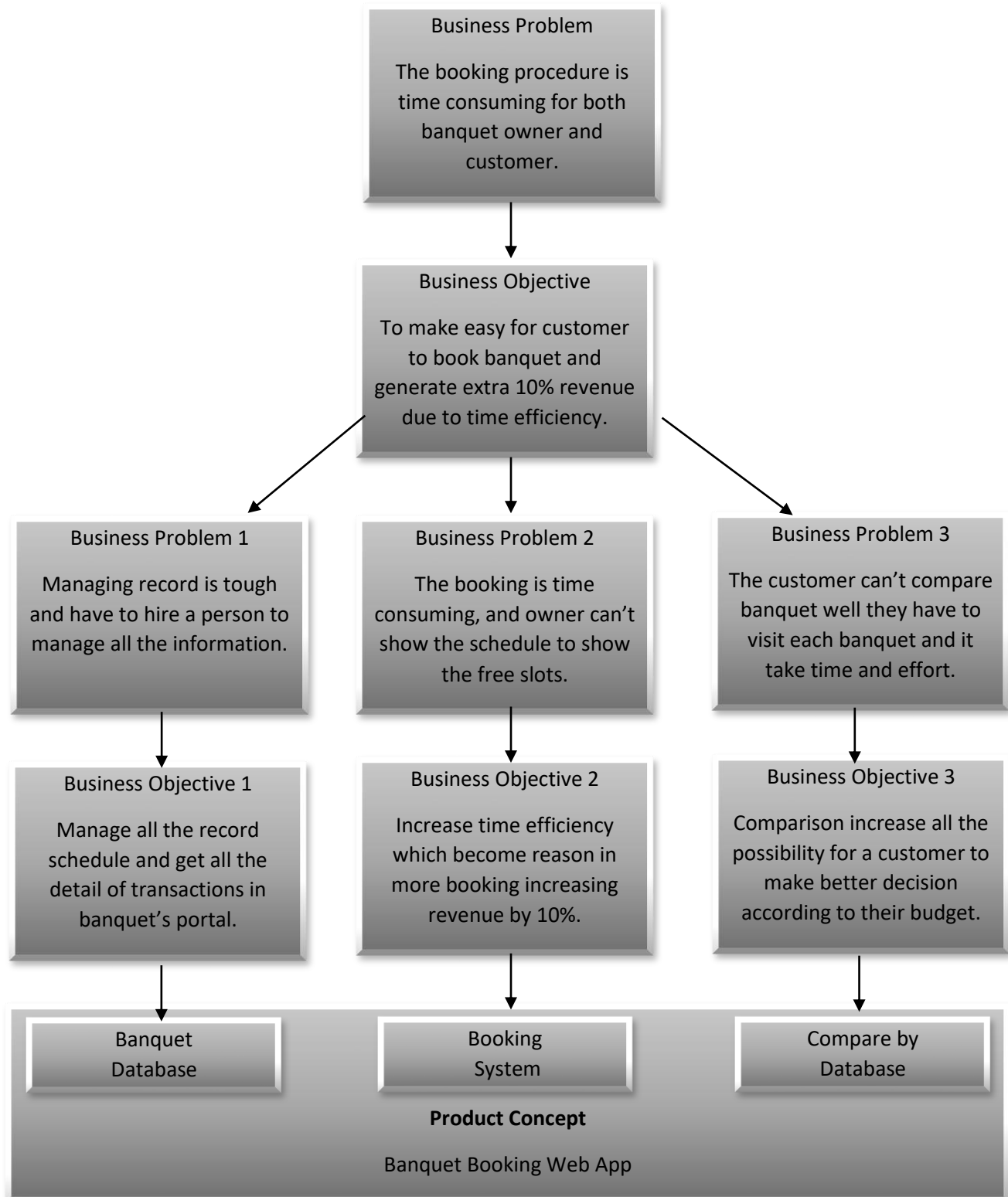
- This software solution is better because it provides many options for customers so that they can choose their choice easily and also consume less time for both customer and banquet owner.
- The problem that is currently not solved is the nearby feature that can show the banquets that are nearby to the customers.
- The technology we are going to use for the feature nearby banquets is the google API through which we will get the data of the banquets that are nearby.
- The customer simply can just login search for the banquets and filter them according to their event so that they can get vast option on the banquet they can choose according to their budget and choice.
- The quality requirement is the requirement of the comparison of the banquets according to the services they are providing, the budget and many other comparisons which is one of the quality requirement of this software solution.

1.3 Business Objectives

The business has both financial and non-financial measurements that are made to see its objectives.

Financial	Non-Financial
- The booking will increase by 20%. - Banquet owner has to pay 10% on every transaction making it less investment and more revenue. - Increase gross margin from 10% to 30% within 1 year. - Generate revenue of extra 10% due to time efficiency and extra bookings.	- The customer will be more satisfied with this software solution. - The options that are provided will attract more customers. - Increase the reliability of the Web App so that more booking can be done here. - Increase the time efficiency of banquets by 20% more.

1.4   Success Metrics

Business Problem

The booking procedure is time consuming for both banquet owner and customer.

Business Objective

To make easy for customer to book banquet and generate extra 10% revenue due to time efficiency.

Business Problem 1

Managing record is tough and have to hire a person to manage all the information.

Business Problem 2

The booking is time consuming, and owner can't show the schedule to show the free slots.

Business Problem 3

The customer can't compare banquet well they have to visit each banquet and it take time and effort.

Business Objective 1

Manage all the record schedule and get all the detail of transactions in banquet's portal.

Business Objective 2

Increase time efficiency which become reason in more booking increasing revenue by 10%.

Business Objective 3

Comparison increase all the possibility for a customer to make better decision according to their budget.

Banquet Database

Booking System

Compare by Database

Product Concept

Banquet Booking Web App

1.5   Vision Statement

For banquet owners **Who** need an online banquet booking system, **the** banquet booking **is a** web app **that** provide online banquet booking, with their schedule and show unbook slots, it's a time efficient system. **Unlike** other booking web apps **Our** product provides you Comparison of the banquets,

nearby banquets and also the banquets according to your budget and event type.

1.6   Business Risks

The business risk of this project are:

Acceptance of users

The users will not use the online platform that much in the start or consider it to be much risky for them, thinking about the loss of their money and likewise online shopping they will come at this platform with a low pace and that is one of the main problem for the banquet.

Competition

Even if there is no other web app similar to our or with some good feature but an application can be introducing with better feature or same to us making it a tough competition in the market place.

Negative Impact

The Negative impact can be a major business risk. Like if any banquet doesn't provide good service even after removing that banquet from the web app still cause the negative impact and the other banquet will also face the less engagement of the customers on this web app.

1.7   Business Assumption & dependencies.

Business Assumption

These can be business assumption in our banquet booking project:

- The banquet will have more customers due to better time efficiency and presentation on the web app.
- The banquet will have more revenue and these revenues will increase with the time.
- The customers will be more satisfied and get better services from banquets.

Business Dependencies

The major and only business dependencies we have is the dependency upon the banquets. If banquets register on our web app we will have more benefit for every banquet and they will get more and more booking from this website. And the other dependency is the customers which will help those banquets to grow their business more.

2. Scope & Limitation

The scope & limitation of the banquet booking can be further seen by the **Major features, Scope of initial release, Scope of subsequent release & by Limitations and Exclusion**

2.1   Major features

The major features of the banquet booking web app are:

Comparison

Comparison is one of the major feature we have like to compare banquets on the basis of their specialty view, limit of people and budget.

Nearby

The nearby feature is also a major feature which will help the customer to know about the banquet nearby to their location.

Recommendation

Recommendation is also a major feature which will help person on recommending banquets on the basis of banquet's specialty they selected, they will be recommend to more and more better banquets within their budgets.

2.2   Scope of initial release

The scope of initial release can be describing by the user's stories

- ❖ Customer can choose banquets by filtering specialty and budget as they want banquet according to their event type and budget.
- ❖ Customer can compare banquets as if customer is confused in selecting between banquets they like.
- ❖ Customer can find nearby banquets as if they are new to an area and don't know which banquet is nearby their house.
- ❖ Banquet's manager can accept booking and put a day from the month occupied as if he wants to make it easy for both customer and himself to see the free slots of unbooking days.
- ❖ Banquet's owner will receive the amount through online banking's API's as he wants to pay Banquet Booking Web App owner's their 10% and have the full record of their transactions.
- ❖ Customer can report the banquet as if they don't get the service they have mentioned in the banquet prospectus.
- ❖ Banquet Booking web app receive reporting notification as if banquets are not working according to their prospectus and they can blacklist or remove the banquet if they not refund some amount or satisfy customer by any mean.

2.3   Scope of subsequent release

The second update will take place after one year of the first release. It will have some new features like

The banquet owner can buy the premium version

➢ He will get all the new feature of his very own banquet management system now he not only capable of only getting booking request but have the whole management system of his own banquet
➢ He can manage all his data about employs sales and all the things related to the banquet will be provided their even he can calculate the engagement of the customers of every month.
➢ He can have some extra feature such as the banquet will be in list of premium members by which they can be given 1 Premium tag so that they will be reviewed first and now its own them to give better service two maintain that good record.

The other feature is Discounted section

➢ In the second update it is not like the discount that banquet only put by themselves now they can apply for discount section so their banquet can be seen in the today's best offers section
➢ For that they have to give extra 2% on their booking amount to the banquet booking's owner so now its 12% on discount days slot they have to give to the banquet booking's owner to be in any day's best offers section.

2.4   Limitation and Exclusion

The system will not support the cancellation request before 7 days of the booked date for that the customer has to contact to banquet's manager by themselves and then it's on them to cancel your request and refund your amount and the deal will be then between the customers and the banquet manager, Banquet booking web app will not be responsible for your cancellation request to the banquet manager. But when you are booking an alert will be pop up before you confirm booking it will tell you that you can only cancel before 7 days or else you can contact the manager of banquet.

3. Business context

The business has some context which means that you have to see the stakeholder's profile in which you see their categories, interest, attitude and constraints, check the project priorities and also deployment dependencies which mean you have to check the system operating environment

3.1 Stakeholders Profiles

Stakeholders	Major Values	Attitude	Major Interest	Constraint
Banquet Booking Web App's Team	Improve web app for both banquet owners and customers	Optimistic for the services provided to the banquet owner and customer	Generate revenue of 10% on every booking of any banquet	None Identified
Banquet's owner	Give their customer better service through their booking from web app	Positive because they don't have to loss they only have to give when they get booked	Get more and more booking and also have less time consumption	Banquet have to refund amount if cancel booking due to any reason and at report if they don't resolve and customer don't click resolve after 3 report their banquet will be removed
Customer	Get better option of banquet by comparison, offers & their specialty	Optimistic that they will get better service at the end.	To getter better service by the banquets get better offer and arrangement according to their need and their budget	Customer can cancel the booking before 7 days of the booked date or else they have to contact banquet's manager .

3.2 Project Priorities

Dimension	Constraint	Driver	Degree of freedom
Feature	All feature schedule for release 1.0 must be operational		
Quality	90% of the testing must pass, and all the constraint must be check before release		
Schedule	It must be created within 8 month		Release 1 will be release on 2022 May 05 And release two will be release after 1 year of release 1
Cost	Cost should be within 50,000 $ and should not exceed it.		
Staff		`	Designing deadline can be increase to one week if the work is not done fully yet.

3.3 Deployment Consideration

The banquet booking is a web app so there is not limit of the platform it is already a cross platform app. It can work on any web browser as a website but in the 1st release we also release it Mobile web application for both Android and IOS which optimize its performance for the people so that they can easily use that application but at the 2nd release we will optimize it more not like the 1st release. Also in the second release we will also design its Web Application for window platform which will be later available on their Microsoft store.

Feature Tree