



MIT 3201 – Individual Project Project Proposal Form - 2019

Candidate Details			
Name	L.A.H.Shehani Kaushalya		
E-Mail Address	shehani.liyanaarachchige@gmail.com	Registration No.	2017/MIT/037
Phone Number(s)	0719237887	Index No.	17550374
Project Details			
Proposed Project Title	Wedding Book - Online wedding vendors marketing platform		
Name of the Supervisor	Prof. G.KA.Dias		
Candidate's Project Attempt			(✓)
• 1st Attempt	For students of 2017/18 intake		✓
• Re-Attempt	Submitting a new project proposal		
	Continuing the same project which was proposed in a previous year		
• If Re-Attempt, identify stream	MIT(General) Project : MIT3101		
	MIT(Multimedia) Project : MIT3121		
	MIT(e-Learning) : MIT3111 Repeat Students, please use the e-Learning Template		

[1]. Problem

I am an entrepreneur who likes to start my own novel business. At first, I would like to mention that where I found the real-world problem.

Social media experiment

I noticed that the issue through social media group. There is a “facebook” group which is called “The real wedding talk “. According to the real-life experiences, there are observed problems that people are facing there. At this social media group, the couples who are waiting to be brides and grooms in near future while searching wedding services and accessories, raising their problems & asking recommendations. The vendors are responsible to response on comment for each and every post. Most of the times, the same question is repeated after the sometime period.

As we all can understand, it's really a waste of time for vendors by answering same questions. And, if vendors away from the online group, they might be missed the business opportunities.

Wedding Exhibition experiment (BMICH -Colombo / Kzone – Ja-ela)

The next observation comes with real world environment. It experienced when I was in Wedding exhibition at BMICH Colombo & Kzone Ja-Ela. Normally there are different vendors from different categories. And also, there were many couples who were planning to get marry in near future.

At that time, I was thinking to make a virtual platform for provide facilities which are having in that exhibition due to the concerns that I have faced in exhibition.

Such as; Lack of time for visit all the stalls

Distance matter of attending exhibition

Crowded stalls lose business opportunities for some customers. Etc.

Finding perfect wedding vendors can be hard task since everyone is having different kind of perfection with their own selection. It's good if there is one platform to finding out Sri Lankan wedding vendors with their package details, photos & video gallery, online transactions, promotions, offers and other information at one place.

[2]. Project Objective(s)

This “WeddingBook” application do marketing & facilitate a specific platform for wedding vendors & customers. It gives one selection platform for people who are planning their weddings. Anyone can discover all of the Sri Lankan best wedding vendors at this site.

- Introducing virtual platform with the purpose of gathering all the vendor types into one place.
- Providing online marketing facilities for vendors.
 - Vendors can introduce latest designs and packages, offers, promotion at specific page.
 - Wedding vendors can advertise their category (It includes packages, Photos and videos)
- Providing a virtual platform for people who are planning to marry
 - Application will be provided facilities to public users for searching, filtering, contacting vendors, writing reviews and referring ratings.
- Reducing the time of vendors for replying user's problems at social media groups.
- Reducing time of couples when planning & organizing the wedding events.
- Reducing the cost of couples when findings perfect vendors. (Ex: Reduce transport cost , other extra expenses, etc.)
- Reducing the advertising cost of vendors.
- Increasing the efficiency of vendors work.
- After knowing package details, it will provide facility for reservation with online payment.
- Advertisement can be shared with social media (Ex: Face Book, twitter)

[3]. Scope of the Project

3.1 Wedding Vendors

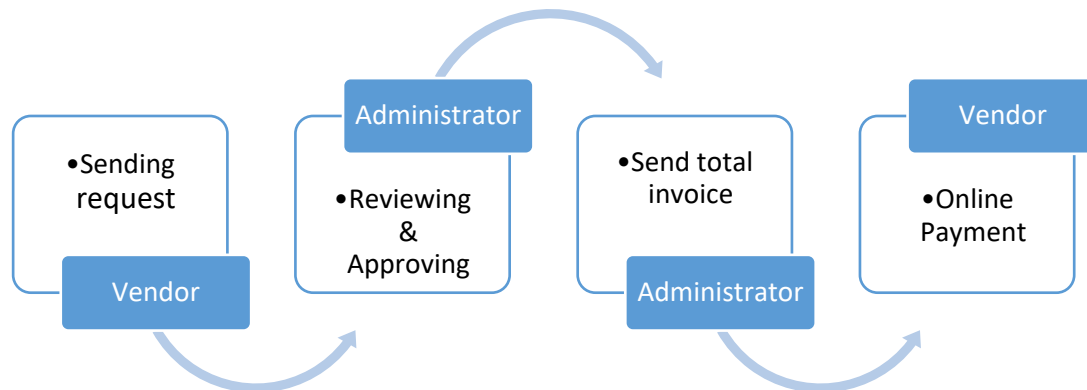
- Only Sri Lankan Wedding Vendors can advertise their business at “WeddingBook” site.

Vendors Types

- Wedding venues (Hotels, Reception Halls)
- Wedding Photographers & Videographers
- Florists
- Music Bands & DJ
- Bridal Dressing ,Etc.

Vendor's profile Creation Process

- Vendors need to send a request to “Wedding Book” site (Administrator) with the purpose of creating the profile.
- Then Administrator work on reviewing and approving process and send back to total invoice of the profile creation for the payment.
- Then vendors have to do the online payment.
- The Application will be provided online payment function with the payment gateway.
- After doing online payment, vendors can see the published profile at “Wedding Book” site. (Total invoice depends on the content and capacity).



Vendor's advertisements advertising process other functionalities

- Vendors need to send their advertisement to the “WeddingBook”(administrator) for reviewing.
- Administrator do the reviewing and send back to the vendor with payment invoice.
- Then vendors can do the online payment and can publish their advertisements.
- Vendors can do modification after publishing advertisement with the approval of “WeddingBook”.
- Vendors can advertise their promotion, offers at this site.
- Vendors can share their site's advertisements with social media (Face book)

3.2 Public users

- Public users can search beautiful variety of wedding styles across the Sri Lanka with latest wedding ideas and inspiration.
- The Application provides facilitates to online chat for public users.
- Application will be provided facilitate for filtering location when they are searching vendors. (Location filtering path – vendor type -> country -> province -> district -> city)
- Public users can make their reservation & online booking.
- They can write review and search ratings of vendors.
- Anyone can share the advertisement with social media.

3.3 Wedding Book Administrator (Business Owner)

They are the owner of the business and responsible for managing the wedding book site

Functional Requirements of the business owner

- Marketing of “wedding Book” site.
- Adding user accounts. (Profile creation)
- Managing user accounts
- Modifying user accounts
- Removing user accounts
- Reviewing and publishing advertisement
- Modifying advertisements
- Removing advertisements
- Estimating the budget and send back total invoice
- Managing online payment process
- Handling promotions and offers at separate category
- providing online help for the users (Online Chat).
- Handling social media marketing

Non functional requirements of the business owner

- Security
- Reliability
- User friendly
- Time saving
- Browser compatibility
- Performance of the application

[4]. Related Work/ Background Study

Visited vendor's places and got the feedback from them

Initially I was planning to do small research about the issues those are facing by vendors. I went to several vendor places and the got package details. In real world they are facing a big problem that is about finding a platform to advertise that package details. According to their problem I have proposed functionalities with this proposal.

Visited several wedding exhibitions and got the feedback from vendors and customers

I had discussions with vendors and customers who are planning to get marry in the future. I collected problems that customers are facing when finding a vendor's places. With their feedback I finalized the scope of this application.

[5]. Methodology and Implementation Considerations

- What is the Software Development Life Cycle you are going to adopt? Agile

I hope to follow agile process since its really easy to adopt with any modification at the middle of the process. In every sprint it delivers a testable component. With that I can find out the bugs in early stages. First, I hope to define epics under that write down all the user stories which are related to requirements. Then after prioritizing the work, I will start actual implementation as well as static testing. then with the development will be moving in to the dynamic testing.

- How will be the proposed system be deployed? web-based

This application allows users to interact with a remote server through a web browser interface.

- What is your proposed system architecture? client-server

[6]. Evaluation

In here I am really focusing on the testing process. With my experience I really want to come up with the quality product and will cover Quality assurance and Quality control standards.

- Static testing approach:

Under quality assurance I will write test cases referring requirements. That's how I hope to cover static testing approach.

- Dynamic testing approach

In here I will be executing the test cases and test expected out comes of the application.

I hope to follow testing approach with agile testing standards. Under this, I am planning to do functional and Nonfunctional testing to verify and validate the application.

Functional testing

- Unit testing

A unit test is the smallest testable part of an application like functions, classes, procedures, interfaces. Unit testing is a method by which individual units of source code are tested to determine if they are fit for use.

- Component testing

Component testing is a method where testing of each component in an application is done separately.

- Integration testing

Integration testing tests integration or interfaces between components, interactions to different parts of the system such as an operating system, file system and hardware or interfaces between systems.

- System testing

I will perform system testing to cover all the functionalities of the system.

Non-Functional testing

- Performance Testing

This application will be tested with load and need to analyze the performance of the system.

- Compatibility Testing

This application should be compatible with different browsers and different devices.

[7]. Is this Project Work Related? No

[8]. List of Deliverables

Working web-based application.

[9]. List of References

- Social media wedding group – “The Real Wedding Talk” Social Media Group
- Other wedding web sites of different countries.


<https://www.wedmegood.com/>

[10]. Work Breakdown/ Project Plan - A Gantt Chart should be included

Task	July 21- July 27	July 28- Aug 24	Aug 25- Sep 21	Sep 22- Dec 19	Dec 20 – Dec 21	Dec 22 – Feb 20	Feb 21- April
Year	2019						2020
Data gathering from vendors and users							
Preparing system documentation and testing documentation							
Static testing							
Designing							
System development							
Dynamic testing							
Nonfunctional testing.							
Bugs reporting and fixing							
Making Documents							

[11]. Additional Information

This is our family business. So, I am the owner of this application.

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Signature of the Candidate

5/10/2019

Date

[12]. Details of Project Supervisor(s):

Supervisor *			
Supervisor's Comments			
Name			
Designation		Signature	
		Date	

* - Supervisor must be a UCSC academic staff member

Advisor +			
Advisor's Comments			
Name			
Designation		Signature	
		Date	

+ - Advisor can be selected as candidate wish