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Table of Contents

01.INTRODUCTION	2
02.SHEDULE.....	3
03.SCOPE.....	4
04.REQUIREMENTS.....	6
05.DELIVERABLE	6
06.COST	7
07.PROJECT TIME.....	8
08.HUMAN RESOURCES.....	9
09.RISK	10
10.QUALITY CONTROL	12
01.COMMUNICATION.....	12
12.CONCLUSION	13
13.REFERENCE	14

01.INTRODUCTION

As a project manager I'm going to introduce a new android application software project which is MEGA SALE online shopping app project. Nowadays there are many kinds of applications in apple store and play store. As a result of that we are going to introduce this MEGA SALE app to basic clothing lover customers. MEGA SALE app divided to categories and sections for make customer easier. Then customer can directly search and order what they need. Also, those divided categories depend on the ages.

Categories of MEGA SALE	Sections of MEGA SALE
Ladies (age above 25)	Skirts, jeans, t shirts, shirts, frocks, office kits, shoes, under wares, accessories, bags, watches
Gentlemen (age above 25)	T shirts, shirts, (casual and official), jeans (slim fit, super slim, normal), shoes, watches
Girls (age between 16-25)	Skirts, jeans, t shirts, shirts, frocks, office kits, shoes, under wares, accessories, bags, watches
Boys (age between 16-25)	T shirts, shirts, (casual and official), jeans (slim fit, super slim, normal), shoes, watches
Kids (age below 16 girls and boys)	T shirts, shirts, jeans (unisex) / frocks, skirts, shoes, hats

The MEGA SALE clothing app is connecting with lots of partner shops. That it is good benefit for the customers. then this app introduces kind of latest fashion to customers every twin a week. (Monday and Thursday) then customers can buy all new trending fashion items quickly and easily. MEGA SALE is going to accept credit card, debit card payments. Also, we hope to deliver customer products within 3 weekdays when they ordered the items without free. Furthermore, quick delivery service will be available. The delivery mood relates to the royal mail service.

The main goal of the application is, to be the leader of online shopping art. Also, the objectives are, provide better quality cloths for cheap price and change online shopping art. Also, the goal of this app project is, create the MEGA SALE application within 6 month and objectives of the project is,

- Better graphics
- Low cost
- Quality features
- Customer attractiveness
- Save time
- Quickly process
- Good communication

To complete this project 6 months estimated. It will start on 01.01.2019 to 06.01.2019.

Also, total estimated cost is £27550. Furthermore, this project plan report is helping to everyone to get knowledge about the 6-month schedule, scope, requirements, deliverables, cost, time, human resources, risk, quality control and communication of the app project in these 6 months.

02.SCHEDULE

The schedule of MEGA SALE online shopping application is very strategic to complete this project on time and perfectly. The project should be delivering within 6 months and in this stage hope to plan project month by month.

TASK	MONTH					
	01/01/2019	01/02/2019	01/03/2019	01/04/2019	01/05/2019	01/06/2019
IMPACT ANALYSIS						
BUILD AND DESIGN						
FRONT END DEVELOPMENT						
ADVERTISEMENT ACCESS						
APP RELEASED						
PROJECT CLOSE						

The schedule of the MEGA SALE app project is showing step by step what we need to do in the next. All have task to complete within 6 months. Task 01 should be start on 01.01.2019 and end of January need to start build and design as 02nd task. Other all tasks also continue like above chart. By the end of May app should be release and app close. (kerzner,2018)

03.SCOPE

MONTH	PROJECT PLAN	DESCRIPTION
1st month	Start planning	Define the app project, goals and objectives of project, time period to project team members
01.01.2019		Discuss about the other software app systems and compare with other competitive apps.
		- Make a sample project plan to get good understanding about the project - Identify the customer needs
2nd month 01.02.2019	Start execution	- Build all the requirements what project needs (PRD document and software access) - Wireframing - Create profile for the app - Design the app screen - Programming the app screen
		Make technical specification
3rd month 01.03.2019	Confirm execution	- Data base frame work - Create API document - Quality assurance test - Develop the saver side application
4th month 01.04.2019	Start introduction	- Back end quality assurance - Get play store access - Google play developer access - Store listing name - Paid fee - Short description of the app - Full description - App icon (512*512) - App category - Feature graphic (1024*500) - Content rate - Contact details - Privacy policies - Payment methods (credit card, debit card and pay pal)

5th month 01.05.2019	Communicate the app	• Identifying the strengths and week points of the app • Develop features of the app • Communicate within the customers by using communication resources
6th month 01.06.2019		• Project close

04.REQUIREMENTS

The main software documentation requirement is PRD specific document which act as a specific foundation document of the app. In simply this is the most important requirement for the project of MEGA SALE online shopping clothing app process. Because PRD document acts as a out line of the project. It includes and depends on logic of business, kinds of technical specification, guiding methods for the team and steps and stages of the app project. This foundation requirement is the major documentation of MEGA SALE clothing app project. PRD document is helping to get clear understanding about the project to the team members, what they need to do and how product address in correct way.

Apart from the PRD many kinds of requirements supposed to do project of online shopping clothing app. The product and technical requirements are very important. It includes features and functionalities of the app., API document, profile and account of app, third party software app relies on, hard documentations, google play access (MEGA SALE app is available for only android phones) specific guide support, even best knowledge of team. Also good knowledgeable human resource system need to continue this project.

05.DELIVERABLE

Deliverable	Due date
Sample project presentation	20/01/2019
PRD document	30/01/2019
API document	15/03/2019
Profile access	20/03/2019
Google play store access	15/04/2019
Payment access	30/04/2019
Communication facilities	20/05/2019
Project final	30/05/2019

The deliverables of the project are coming month by month. All of the deliverables are very important to close the project successfully. In the last of January, need to be prepare sample project presentation and PRD document. After that API document, profile access, google play access, payment access, communication facilities need to be finish on the time. Finally, as a result of another deliverable, project will be finish.

06.COST

cost category	estimated fee	(£)	(£)
software cost			
application software		3000	
data base software		1500	
additional 3rd party software		1000	
sub total			5500
hardware cost			
application saver		3500	
other		1500	
sub total			5000
infrastructure cost			
network		1750	
other		500	
sub total			2250
implementation cost			
internal staff		5500	
external business staff		6000	
software service		2000	
3rd party software integrator		1500	
subtotal			15000
			27750

Mega sale app project team identified 4 cost categories such as software cost, hardware cost, infrastructure cost and implementation cost. Almost estimated cost fee is £27750. Among that cost, implementation cost is too high which is £15000. Because implementation cost includes internal staff and internal business staff cost.

07.PROJECT TIME

[illegible]

Project period is 6months (01.01.2019 – 30.06.2019) within this period has to complete major 6 tasks. Every task has more tasks. Then all the challenges need to close and start on the date and can be close project on date. Impact analysis take 30days. After that design and build task take 29 days. After that 01st of march need to start PRD documentation. For software access, front end development, feature development and totally close to project take each 5 days out.

08.HUMAN RESOURCES

Human recourse is important to create the application for aneroid mobile users. For this project we hope to contribute 9 employees support.

1. Project manager – the project manager make PRD document and he will be defining the goals and objective of the project. Also, he provides the time frame and instructs to other workers.
2. Software engineer guide – software engineer makes the background for project and he will be creating the outline of the project according to the PRD document. Also, he will be guide to other workers to create app in correct way. Software engineer must respond to project manager. (*Orumwense,2012*).
3. Software knowledgeable adviser – this is a short time project that why software engineer can't spend his whole valuable time for short term project. Then application project needs a good specific knowledgeable employee for long term adviser. He should work under software engineer and he needs to respond to software engineer.
4. Backend engineer
5. Android developer
6. Graphic designer
7. Quality engineer
8. Project sponsor
9. Quality assurance manager

09.RISK

Competitor apps – in recently thousands of mobile apps coming to mobile phone. Then mobile app art is becoming more competitive. Specially clothing apps. Because of lots of clothing shops are intruding their items via mobile app. People try to purchase clothing items from biggest shops app such as Debenhams, new look, adidas, little thing, boohoo, ASOS...etc. also they have an order and collection by nearest shop service free. Majority of people supposed to use that service. but MEGA SALA app project hasn't liked that collection point. It is a main risk for the app.

Apple store – nowadays people are addicting to use I phone and apple store acts as most popular app store within young generation. But MEGA SALE app is only for android mobile users. Then might be customer base is going to be limited for the app.

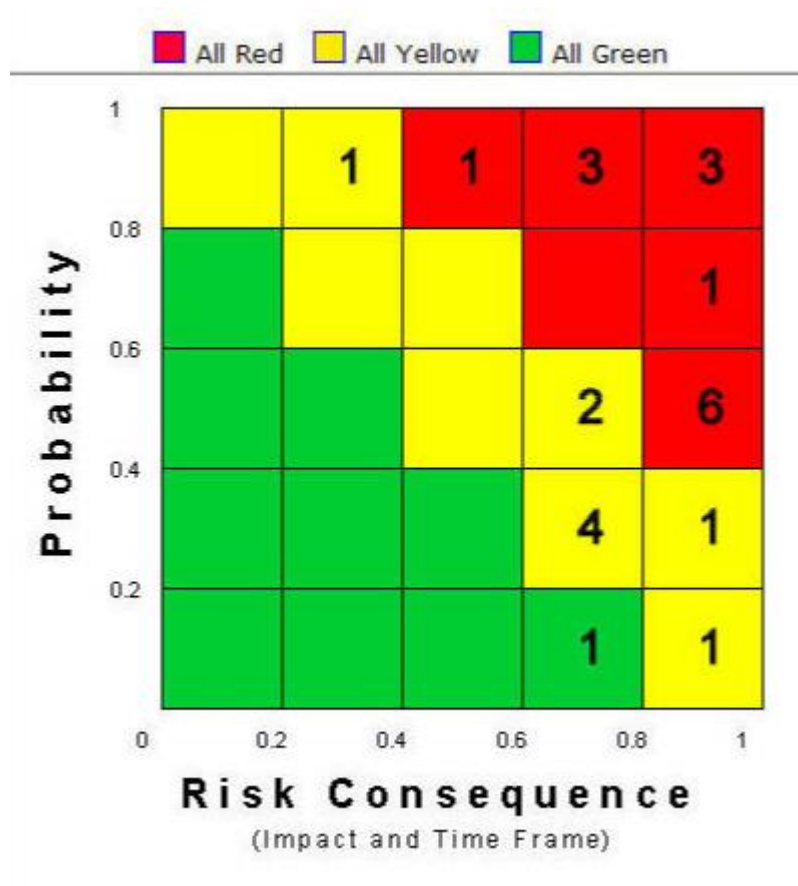
Communication cost – the main communication method hopes to use social media such as Facebook, Instagram...etc. but when we try to communicate via television advertisements or radio advertisements it going to be more cost rather than social media. But if can use television and radio advertisements it will be more beneficial communication to attract customers to the app quickly. But it is struggling with the cost problem.

Specific knowledge – to do project of app need a specific knowledge of person about software. Otherwise the project will be useless. To create graphics, features, and technical functionalities need a good knowledge. Then it's a risk to choose a specific person among other all for project.

Internet providing systematic problem- there are many kinds of internet providers in UK and the internet speed and performance are different to one by one. Then it may be making app performance issues and it will take long load time. Then customers may be bored about the app

registration process- if someone want to buy cloths via app, they need to register to the app. need to fill some important information such as email address name bank card number like that. some of them don't like to give their personal information to out and it might be taking long time. then this is acts as a risk

no cash payment option – some customers try to pay by cash because that would like to collect and pay option. but mega sale app hasn't liked that option only by cards or pay pal.



According to the risk priority graph, low probability and low impact -low risk More probability and more impact – high risk. Therefore, always try to reduce our cost and time impact and risk probability, then app has low risk. Otherwise it will have high risk. It is not good for the project and project will be unsuccessful. According to the risk analysis of the mega sale project, estimated risk is medium.

10.QUALITY CONTROL

To make better quality control, specialists need to use their knowledge. The main thing is attractiveness. App should be quality and attractive to customers. Also, it should be easy to find products customer what they need. In this stage must be care about the pictures on the app what we are going to sell. All pictures should be same with the actual products. Otherwise customers will be given bad feedbacks to the application. It will decrease the customer base. The graphic designing, payment methods, play store access everything should be clear.

The quality is depending on lots of tasks. Such as security features, environment of app, user registration and profile, filters and lists, product profiles, wishing list and favourites, baskets and payment system. If those everything is quality finally customers make comments and higher ratings. (burker, 2013)

01.COMMUNICATION

COMMUNICATION PLAN OF MEGA SALE APP PROJECT

Communication Type	Owner	Frequency	Agenda
Scrum Meeting	Project Manager	Daily	Update from everyone on – • What was done yesterday? • What is the plan for tomorrow? • What are your obstacles?
Project Team Meeting	Project Manager	Weekly	• Discuss the project progress. • Discuss upcoming milestones. • Review the risk and issues log. • Discuss upcoming leave plans. • Any other business.
Project Status Report	Project Manager	Weekly	Status update on the key project parameters Schedule, Budget, Risks, Issues and Benefits.
Project Update Meeting	Project Manager	Weekly	60 mins one-on-one meeting with Project Sponsor for a full project update.
Project Control Meeting	Project Sponsor & Project Manager	Monthly	Status update on the key project parameters Schedule, Budget, Risks, Issues and Benefits.And seek guidance on decisions required.
Quality Assurance Report	Quality Assurance Manager	Daily	A list of defects count, open/close status published on a daily basis after testing is commenced.

According to the above communication plan those all information supply for internal stake holders.

For external stake holders, the project of MEGA SALE clothing application system hopes to use social media as a communication method. Because of, social media is more popular in recently and its cheap cost communication system comparing with other sources of communication. In the beginning, app project system supposes to use Facebook and Instagram for communication. Also, it should be more attractive advertisements rather than other competitive advertisements. (E. & Finney,2007)

In communication, we need to give a good idea about the app, how it works, how people can order items, how long we take to proceed customer items, how they can pay, quality of the products, attractive discounts and offers, delivery time and everything. Then within the advertisement time we need to give a good definition about everything clearly to customer mind.

12.CONCLUSION

By this project plan report I got a vast knowledge about project plan how it works and how it helps to do projects easily. This is an online shopping app project and I prepared a project plan including schedule, scope, requirements, deliverable, time, human resources, risk, quality control, finally communication. The main thing is time management. The target period was 6 months and project plan should be created for according to the time period. Furthermore, I understood honesty, the differences between schedule, scope, time and project deliverable methods. Also, what kind of human resources we can use for the project, how they can help to the project, what are the requirements to be a member of the project, I got knowledge about those things

In finally as I think, this project plan report was really help me to get good idea about project plans and how it makes as successfully. In future, I hope to use this valuable knowledge for my projects to plan it as successfully.

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