

Muhammad Ali Jinnah University

Final Year Project (FYP)

Faculty of Computing
Department of Computer Science

Final Year Project Proposal

	Day			Month			Year			
DATE	1	8	—	1	0	—	2	0	2	2

PROJECT TITLE:	Aapna Khata
KEY WORDS:	Payment Management, Shop management, Inventory management.
DOMAIN OF THE PROJECT:	To achieve the user friendly inventory management with bill generation and record of all the remaining payments with all the automation calculation of profit/loss.
SUPERVISOR'S NAME:	Dr. Shaukat Wasi

STUDENT INFORMATION				
Sr.	Student ID	Name	Email	Mobile
1.	FA19-BSSE-0014	Muhammad Fahad	fa19bsse0014@maju.edu.pk	0345-2849128
2.	FA19-BSSE-0063	Ahmed Amin	fa19bsse0063@maju.edu.pk	0313-2902568
3.				

Muhammad Ali Jinnah University

Final Year Project (FYP)

Faculty of Computing
Department of Computer Science

PROBLEM STATEMENT

The process of managing the payment records is really frustrating for the shopkeepers there are applications for that purpose but still the shop has many different work that need to be done. The inventory management is also one of the difficult job and also the billing list in excel or their desktop application is not that user friendly everything is written and it's not visually better so a shopkeeper need a system having solution of all these three problems.

EXECUTIVE SUMMARY

This system will help the user when the goods of his shops are delivering he can add the record in a tablet that is more portable and he does not have to use a register to manage data, he can just add in the tablet by putting every detail of the product with a picture so that it would be more user friendly, whenever someone buys the product the inventory is managing itself at bill creation the shopkeeper will already be aware of the product quantity, he can generate bill according to the payment now or later the sales record will generate all the profit and loss of the products, also that can help him to know which product is not that good to be sell at the shop, means he will know the customer's demands. Also as the product at the tablet show images and all the visualization of the shop's products it will be less chances of error in creating bill and also better in managing by finding the product by image not only by name so it will be more useful for a shopkeeper.

INTRODUCTION

After considering that the shopkeeper's problems are not only about managing bills but also inventory management and user friendly interface that is needed for the less errors and more better result and have an eye on each and every single detail of selling and buying goods, Aapna Khata will connect all these works together to provide a better result

COMPETITORS/COMPETITIVE ANALYSIS



Muhammad Ali Jinnah University

Final Year Project (FYP)

*Faculty of Computing
Department of Computer Science*

OBJECTIVES

The main objectives of the project are:

- An application that provides the management of bills and remaining bills.
- An application that do better inventory management and be more portable by working in tablet.
- An application that can generate bills of all type.
- An application that generate every single sales detail.
- An application with better user interface so that it will be easy to use.
- An application that generate profit/loss chart on each and every single detail of sales.

MOTIVATION

As we can see that many shopkeepers are having problem of their remaining bill (khata) they have to manage it in different registers, and also have to manage their inventory register too, there are many applications which can solve the first problem of remaining bills but not having feature of inventory management and also if there is a mistake in the bill list it is difficult to manage, find and correct but a better user interface is not available so we have to make an application that can not only manage remaining bills, inventory management but also provide better user interface that can help the shopkeeper in many ways and calculate loss/profit automatically and make the work more perfect and much error less.

FEATURES OF PROJECT

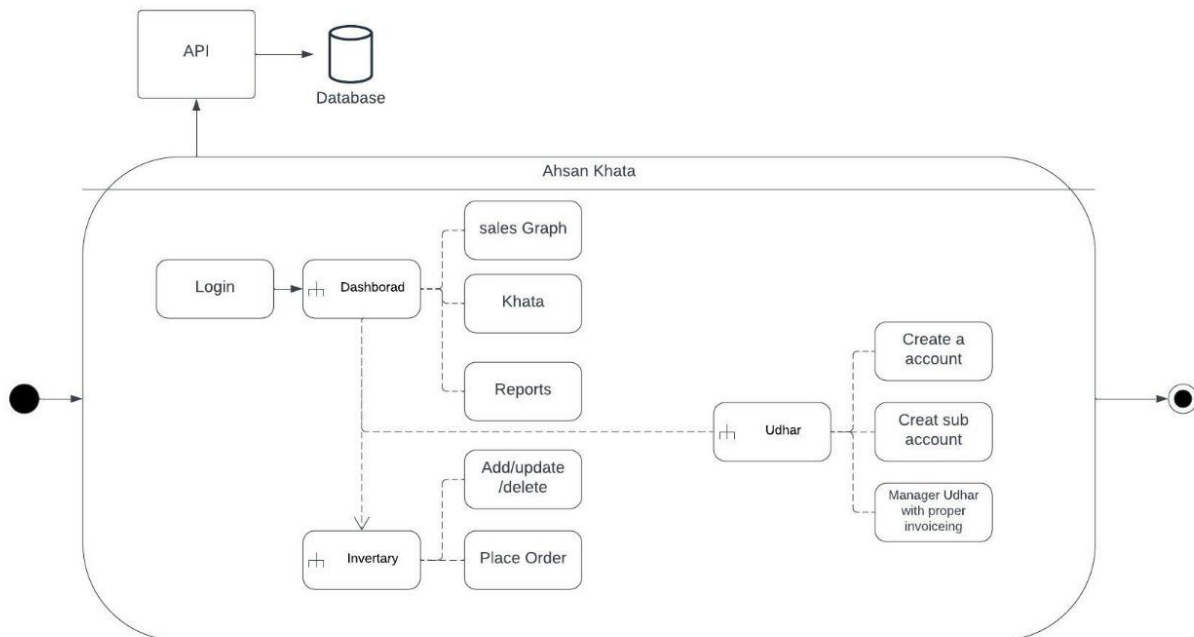
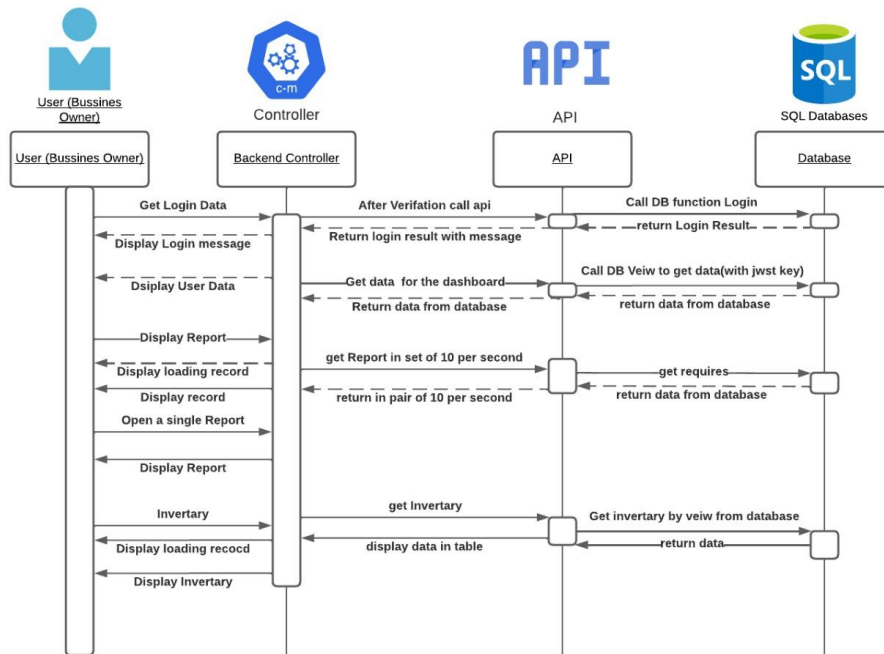
Data management

Muhammad Ali Jinnah University

Final Year Project (FYP)

Faculty of Computing
Department of Computer Science

ARCHITECTURAL DESIGN

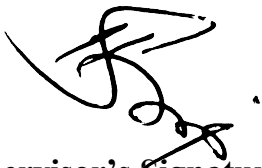


Muhammad Ali Jinnah University

Final Year Project (FYP)

Faculty of Computing
Department of Computer Science

IMPLEMENTATION TOOLS AND TECHNIQUES
PROJECT PLAN
REFERENCES
QuickBooks Online https://quickbooks.intuit.com/global/oa/online-accounting-software-for-small-business/?gclid=Cj0KCQjwnbmaBhD-ARIsAGTPcfWbnUPmvhrmlv0q4R9pXv_7-FBObZZpsRvtjk7KfOGtajZmWxbmS_MaAkzTEALw_wcB&cid=ppc_G_Broad_PK_QBO_PK_B_Top_Terms_BMM_G_S_+quick-+book-+online_txt&s_kwcid=AL!2419!3!{creative}!{matchtype}!{placement}!{network}!{keyword}&ef_id=X-WyBQAAAIReUyrK:20221019054750:s, EasyKhata https://play.google.com/store/apps/details?id=com.tech.bazaar.easykhata&hl=en&gl=US



Supervisor's Signature: -

FYP-Coordinator's Signature: -