

FYP Proposal & Documentation (ITS)

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Useful Links

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PROJECT Title Intelligent Trading System

Coordinator Name:

Mr. Fahad Maqbool

Supervisor Name:

Project Team:

S#	Roll #	Student Name	Registration No	Email Address	Contact
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Abstract

Introduction:

ITS (Intelligent Trading System) is aimed to be used as an Ecommerce Buying & Selling Platform From Where Customer can Buy & Sell, & The Main Feature of This Project is, It is the , Where The Machine Learn From the Customer Response & Response According to it, The ITS provides Platform Where User can Create Account & See What ever they Want ,The Technology Behind Them is Asp.net & PHP-MYSQL & WordPress Also, ITS is very helpful for Customer Who Living Away from City & Need Something Than They Just Order it & We Will Send it To Their Doorstep.

Features

- Escrow Account
- Web 3.0 (AI in E commerce Site)

Problem Statement

Background and statement of the problem

- Traditional Business of Pakistan Only Sell by:
 - Locally
 - Bounded Time Location & Product
 - High Cost Because Of Property Area
 - Man Power
 - Accomodation
 - Security
 - Electricity
 - More Time & Man Power Required
- The Problem Which is Solve by it is That Traditional Shops

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Cause

- High Expensive (Property, Electricity, Materials, Employer & Other Expense)
-
- Not Easily Grow & Scaleable
- Every Type of Person Either Customer Or Business Man Need E commerce to Buy & Sell...
- **Amazon Ali Baba Flipkart are Not Available in Pakistan..&**
- **OLX Have Security Automation, Escrow Account & Geographical Location Issues....**

So, To Shift Local Shops to E commerce is Solves this Issue..

Project Success Criteria

USP:

- 3A(Anyone Anytime Anywhere) Selling With Cheaper & Faster Than Traditional..
- Intelligent Recommendation System

Benefits

- ★ Online Business
- ★ No Time Area Or Person Bounded (Anyone Anytime Anywhere)
- ★ Better Faster Cheaper
- ★ More Option of Product

Profit



- ★ Market Size Worldwide
- ★ Min Cost Because No Property , Not Employ & No Other

A graphic showing the text '2.1 trillion USD' in large red and blue font, with a background image of a city skyline.

A graphic showing the text '57% of online shoppers in 2017' in white font on a dark blue background.

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Expense..

- ★ **Max Sale Because High Reach Of Customer (World Wide Buy)**
- ★ **Passive Income for Long Term**
- ★ **Easily Scalable Business**
- ★

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Procedures (Objectives)

Prerequisite: Artificial intelligence Concepts, Machine learning

Tools:

, HTML, CSS, JavaScript, Php MySQL, XAMPP

Project Domain / Category

- **Web Programming & Artificial Intelligence**

Functional Requirements:

1. Buyer
2. Seller
3. Admin
4. Stack Holder
- 5.

Pre-Conditions

Customer/Buyer

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Ecommerce Website

Internet & Proper System

Customer:

1. Customer can use this website from four perspectives

1. buy a product
2. sale a product
3. give the product for Rent

Scope of Ecommerce:

Essential (Included in FYP)

- Recommendation System
 - Suggestion Using
 - Intelligent Search

Future Work (Excluded)

- Product Customization Feature
- Snap That (Image Processing)
- Sell Services Like Supertasker
- Android App

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- NLP (to Check Review Polarity)
- AI Shopping [Chatbot](#)
- Daraz Wallet
- Sell Service Like Supertasker
- SEO of Website
- International Shipment
- Rental Bases (Closet) Business Model
- 2nd Hand Products (olx/[Affordable.pk](#)) BM
-

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References

1. Conference: 10th International Conference on Interactive Mobile Communication Technologies and Learning (IMCL2016), At San Diego, CA, USA, Volume: Page(s):10 – 16, IEEEExplore.
2. Aniket Gupta, Sujata Kulkarni, Vaibhavi Jathar, Ved Sharma, Naman Jain. Smart Car Parking Management System using IoT. *American Journal of Science, Engineering and Technology*. Vol. 2, No. 4, 2017, pp. 112-119. doi: 10.11648/j.ajset.20170204.13

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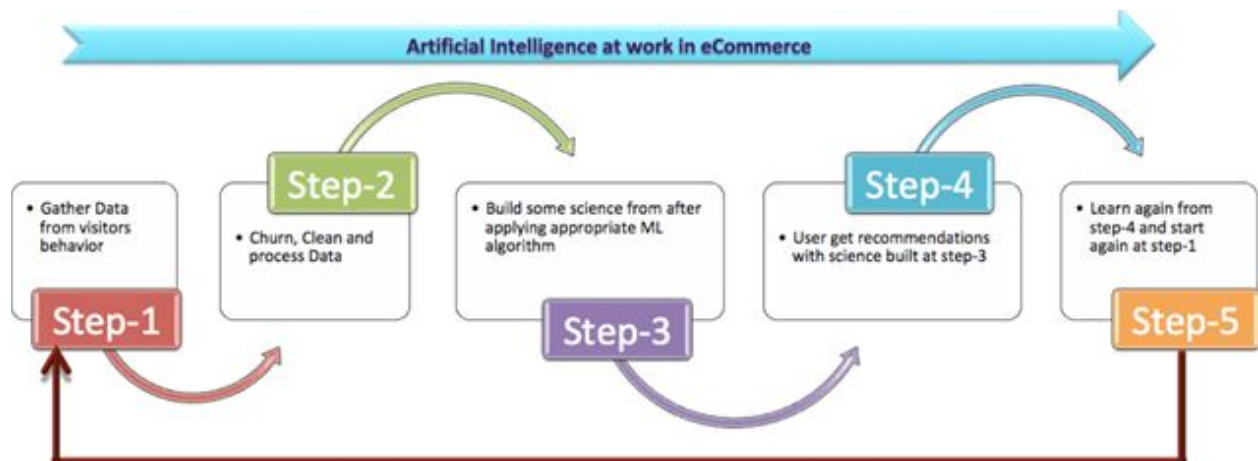
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Use Case Diagram:

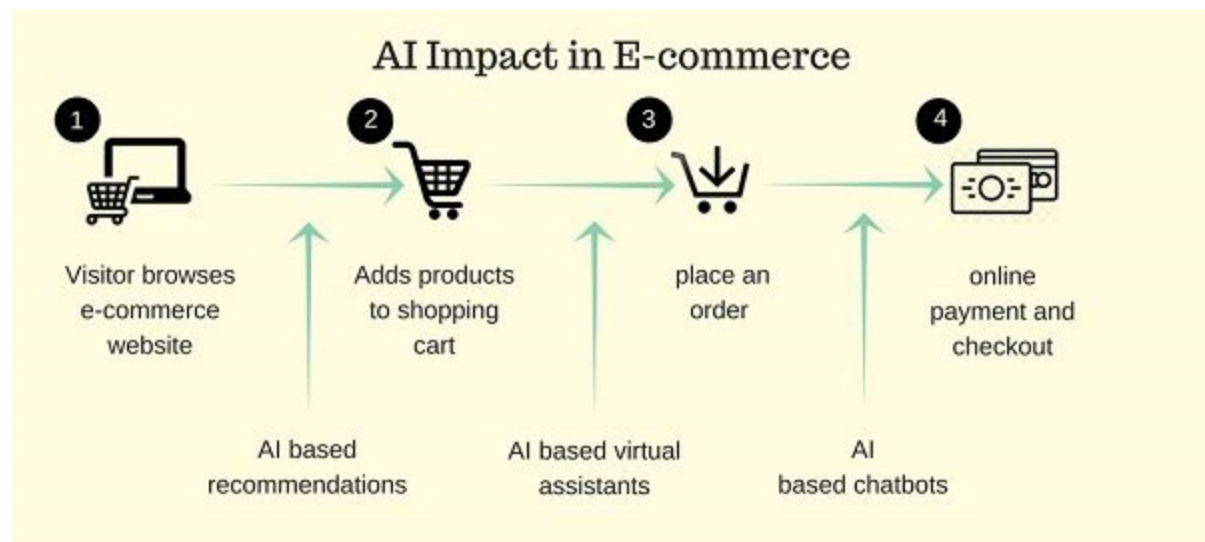
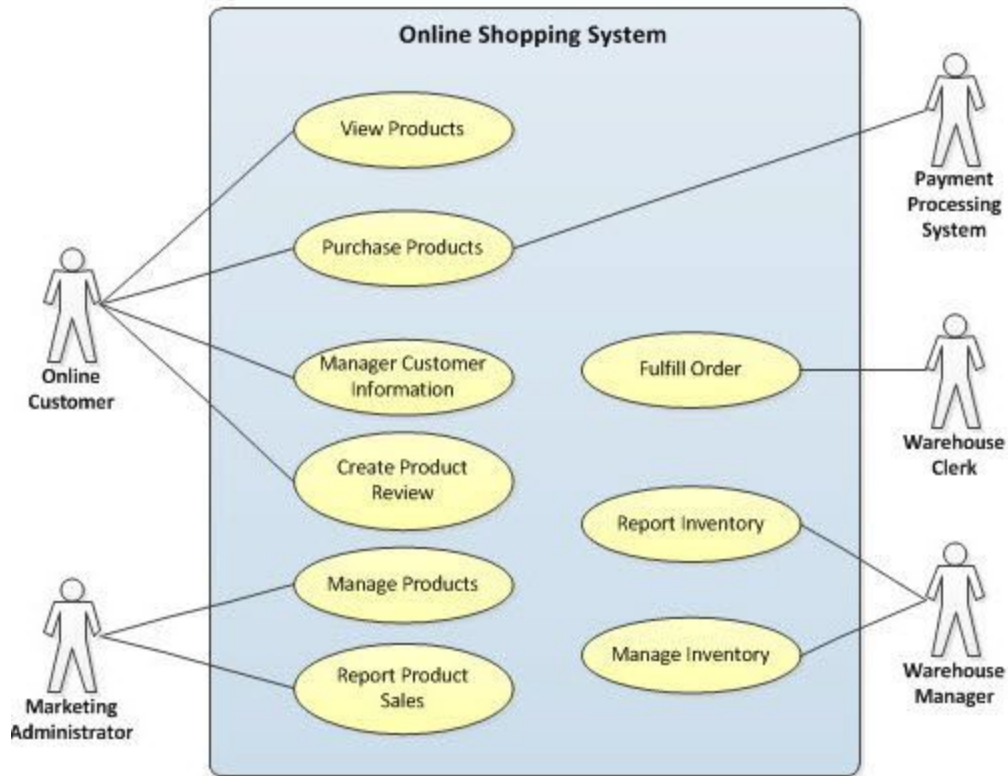
Flowcharts or Steps

Diagrams:



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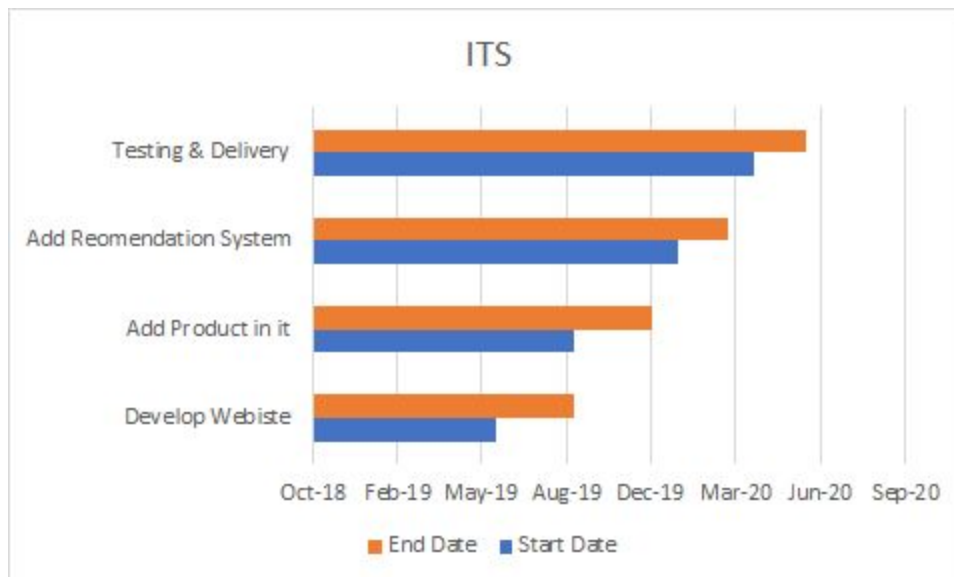
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ER Diagram

Gantt chart

Grant Chart How



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Implementation Plan

Weak	Milestone Detail	Outcome	Member Name & Contribution	Viva
1	Create Login Page & Sign Up Page in aspx. & Create Validation in form & Connect the Database with for the Admin Panel of E commerce Site.	Requirements Clear of Project	Talha Nadeem BCSF16M047 (One Member)	Sir
2	Create the Interface first page of E commerce Site Which show the Product & the Cart of E commerce Site..		Talha Nadeem BCSF16M047 (One Member)	
3	Domain and Platform for Your Ecommerce Website, Hosting is Where your Website is Store & Domain is Actual Name of Website, So Godaddy for Paid Hosting Domain, & Or Get free Hosting Domain..			
4				
5	Wordpress Because It Allows you To Create a Website Without Coding & Programming, & Now Add the Coding For Functionality in website.			
6	Create Components of E commerce Site , & Import the E commerce Site			

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	& Customize (Edit) it With Respect to Your Requirement.			
7	Create Database in Xampp & Create Database Connectivity & Operations Like Insert Delete & Other..			
8	Add Payment Gateway Of Bank Account , Jazz Cash & Cash On Delivery.. & For This First Of All Change the Currency of Sample Import E commerce Site to Rupee , & To Done This Go to Wordpress E commerce Setting Option Where you Find the Currency Option, Now Change the Currency to Required One.			
9	Than Add Products in The Website, For this Take the Image of The Product & Drag & Drop in Your E commerce Site By Using Wordpress Tool			
10	Customer Account Features, By Using This Customer Can Create & Login to Their Account,			
11	Recommendation System, For This Take A Udemy			
12	Now SEO Your Website, For This First Take SEO Course of Digiskills Than Apply Their Advices & Guidelines For Website Promotion & Top Ranking on Search Engine..			

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13	Graphics Designing of Websites, To Change the Look Of Website Add the			
14				
15	Now Create the Mobile App for E commerce Site Like Daraz By Using Java & Kotlin , Or Use the Third Party App Builder to Create a Mobile App For My Site			
16	Testing & Improving & Finally Delivery & Defence of final project by Making Defence ppt & Video in Front of The Panel Committee For Fyp..			

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Complex & Monopoly:

→ Artificial Intelligent

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◆ Technical Expertise Required

- Recommendation System

→ Recommendation System

- ◆ By Learning Different Tools & Techniques , For Example To Create a Recommendation System.. You must Learn The Machine Learning tools Which is Complex & Creates a Monopoly for Other to Create it..

→ Image Processing For Product Finding

- ◆ It also Contain a Feature called snap Chat , Which get input from user & Upload image from it Than Show the Output.

Innovation

1) Intelligent Web

- a) Intelligent Web Contain Recommendation S

2) Image Processing By Using Snap Image

- a) It also Contain a Feature called snap Chat , Which get input from user & Upload image from it Than Show the Output.

Application

➤ Business Purpose

- This is Business Application Which the Business Man Use To Sell Their Product ,
- For Example:

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- Shopkeeper Use it To Sell their Product Online
- Other Business Man Also Use to Sell Service Like Supertasker
- Online Store
 - It Also Use for in B2B & B2C Business By Which We Don't Sell our Own Product But Create the Platform Like Daraz Where the Other Business Sell Their Product Through our Website & We Charge a Commision Through it..
- Web Development
 - You Can Also Use The Expertise Which you Learn from this Project to Work in Software House to Develop Other Software..
- Trading Purpose (Buying Selling Purpose)

Size

- E commerce Website
 - ◆ This Project Contains a Wordpress E commerce Site Where we Use Wordpress ..
- Artificial Intelligence Trading System
- Database Connectivity
 - ◆ Using Xampp ..

Feasibility Study

2.1 Technical Feasibility

Arduino Uno controller board will be used in our project that will be connected to the PC. We write our algorithm and then code into Arduino. Arduino contains multiple internet in mere minutes. Just plug this module onto our Arduino Board, connect it to our network. Multiple infrared sensors will be used to sense the parking slots. The user first registers his car to the admin. The Admin add their car information. A camera and small LCD will be placed at the main entrance that will be connected to network. Camera will take the picture of user car number and then process their data from database. Infrared sensors continually send slot information at main entrance that will be displayed on the LCD. Barrier will open with the availability of the space. If user wants to park the car beyond the limits of slots then red light will be on or alarm will be ringing.

Economic Feasibility:

The following factors are considered in designing the proposed solution:

Table 1: Economic Feasibility

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Devices Used in Project	Cost of Devices
Domain & Hosting Website	3000
Coursera & Udemy Courses	3000
Total	6000

Our estimated cost is 6000. It may be increased

2.3 Time Feasibility

It Takes almost 3 Months to Develop a Website

2.4 Legal Feasibility:

Our project follows the rules and regulations of government. This project is entirely under the law of Pakistan. We are not doing such type of activities which violate the laws of Pakistan.

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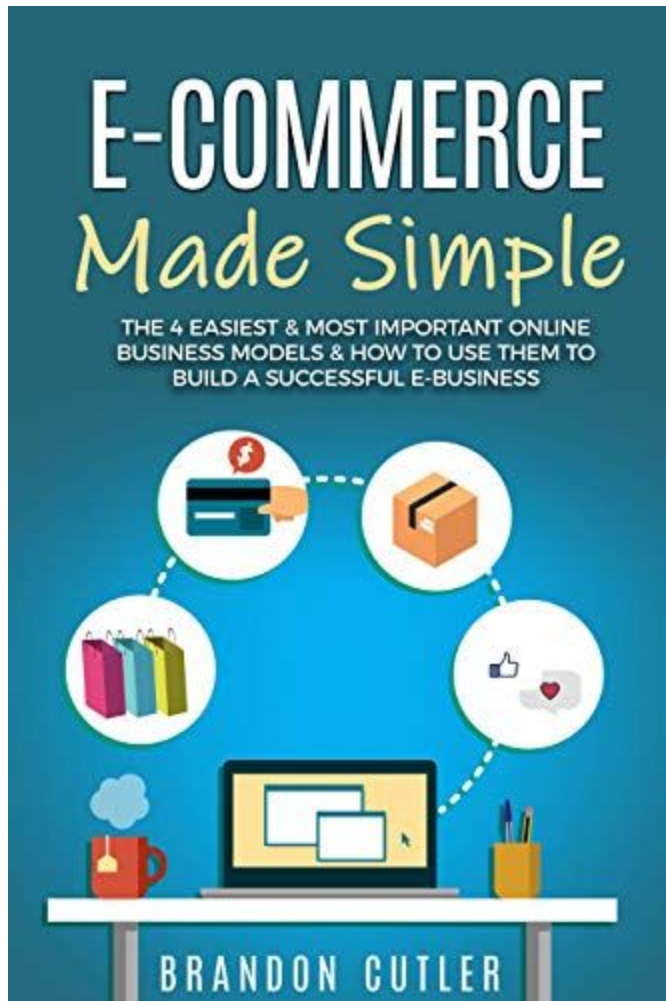
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Poster Draft Of Ecommerce

Workshop At 18 Dec 2019

At 1:00 in Lab 2



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**E Commerce Management Most Important Skill To Successful in 2020
Because**

- ❖ World Richest China Richest Belongs to E commerce
- ❖ **Amazon is World Fastest & Largest Grow Company**
- ❖ **Your Online Shop Will Create Passive Income**



And essential in the skill sets which are required to get a job in the 21st century. A workshop is scheduled on Wednesday at 12:30 in LAB 2 where you can register yourself against nominal fee of Rs 100 . A great opportunity to enhance your skills .

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Trade



Trade involves the transfer of goods or services from one person or entity to another, often in exchange for money. A system or network that allows trade is called a market. An early form of trade, barter, saw the direct exchange of goods and services for other goods and services. [Wikipedia](#)