

Project Report

THRIFT FASHION



Category: Web Application Development





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1. Definition of the Problem

Create < problem definition > for the proposed Web application or mobile app.

Design Plan:	Document Name: Problem Definition Document	SWD/Form No. 1
Effective Date:	Version: 1	Page No.

THRIFT FASHION is a form of electronic commerce which allows consumers to directly buy goods or services from a seller over the Internet using a web browser or a mobile app. Consumers find a product of interest by visiting the website of the retailer directly or by searching among alternative vendors using a shopping search engine, which displays the same product's availability and pricing at different e-retailers. As of 2022, customers can shop online using a range of different computers and devices, including desktop computers, laptops, tablet computers and smartphones.

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	Muhammad Jamshiad, Muhammad Kamran, Muhammad Asif, Osama waqas
Date	10 th to 13 th August 2022
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2. Requirement Analysis

This phase consists of following:

➤ List of inputs to the system:

- Registration
- Login
- Submit Complaint
- Emergency Help
- Feedback
- Notification

➤ List of outputs expected from the system:

- Check Complaint
- View Notification
- Validate
- Check Feedback
- Generate Report

➤ Overview of processes involved in the system:

- User Login
- Add/Modify Complaints and Status
- Add/Modify Emergency Help
- Add Generate Reports
- Add/Modify





> Hardware and software required for implementing the project :

- Intel Core i3 Processor or higher
- 4 GB RAM or above
- Color SVGA
- 120 GB Hard Disk space
- Mouse
- Keyboard

> Customer's acceptance criteria for the project :

- ✓ Registration
- ✓ Create User Login
- ✓ Log in in to the system with the created login ID and Password
- ✓ View Notification
- ✓ Submit Complaints
- ✓ User Check Complaints Status
- √ Emergency Help
- √ Feedback
- ✓ Validate User
- ✓ Create and Send Traffic Notifications
- ✓ View and Resolve Complaint
- ✓ View and Send Emergency Help
- ✓ Check Feedback
- ✓ Generate Reports
- ✓ Logout





Design Plan:	Document Name: Customer Acceptance Criteria (CRS)	SWD/Form No. 2A
Effective Date:	Version: 1	Page No.

Client/Project Undertaken: TECHWIZ

1. List of inputs to the system

Registration,

Login,

Feedback,

Notification,

Buy product,

Log Out.

2. List of outputs expected from the system

Check Complaint,

View Notification,

Validate,

Check Feedback,

Generate Report.

3. Overview of Processes involved in the system

User Login

Add/Modify product and Status

Add/Modify feedback

Add Generate Reports

Add/Modify

4. Hardware and Software required for implementing the project

Hardware:

Intel Core i3 Processor or higher

4 GB RAM or above

Color SVGA

120 GB Hard Disk space

Mouse





Keyboard

Software:

Html

CSS

Bootstrap

JavaScript

PHP

MySQL

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Design Plan:	Document Name: CRS	SWD/Form No. 2B
Effective Date:	Version: 1	Page No.

S.No.	Customer's Acceptance Criteria
1.	Registration
2.	Create User Login
3.	Send and check Feedback
4.	Validate and reject User
5.	View and Resolve Complaint
6.	View and Send Product
7.	Check Feedback
8.	Generate Reports
9.	User submit and check complaints status
10.	Log Out





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Design Plan:	Document Name: Project Plan	SWD/Form No. 3
Effective Date:	Version: 1	Page No.

Project Plan

1. Project Details

• Name of the Client:

TECHWIZ

• Date of the Project Plan:

10 to 13 August 2022

• Project Vision/Objectives:

(Define the project vision/objectives as stated by the client) None

• Scope:

(Mention the scope of the project giving the location that will be covered, processed, range of services, and so on)

Before we launch into the future and scope of eCommerce in India, let us first understand what is e-commerce. To put it simply, electronic commerce refers to the purchase and sale of goods online or via the internet. Sellers make websites where they display images of their products with price and description. Shoppers who buy the products have multiple payment options like COD, e-wallet, net banking, credit card,

• Our understanding of the client organization

(Give the range of services, functions, overview of processes, and so on)

Provide online shoping and Safety solution online.

User can complaint about online shoping and problems, get product online and also get connected with online to get notify about current shoping.





• Project Organization with Responsibilities and Authorities

(Give the name of Project team members their roles and responsibilities) Muhammad Jamshaid: Team-Leader and Developer.

Muhammad Kamran & Muhammad Jamshaid: Designer and Developer

Muhammad Asif & Muhammad Kamran: Developer and Document writer.

Muhammad Asif & Osama Akhter: Developer and Tester

2. Project Initiation/Requirement Documents

(Information required from the client as inputs regarding his/her system; could be the information about the services, processes, and so on)

For Registration:

- Name
- Contact
- Address
- Email ID
- Password

For Login:

- Email ID
- Password

For Feedback:

- Feedback Title
- Feedback Description

For Admin Login:

- Username
- Password

3. Deliverables

(The documents to be handed over to the client – such as CRS, Design Document, Installation Manual, User Manual, Maintenance Manual, and Code of documents)

- Problem Definition
- Design specifications
- Diagrams such as flowcharts for various activities, Data Flow Diagrams, and so on
- Database Design
- Source Code





4. Project Dependencies:

None

5. Major Project Milestones

(Generating CRS and Building a Prototype)
None

6. Quality Plan

• Review Activities

User:

Registration and Login

Navigate in Navbar to Purchased product, Submit Complaints, Check Complaints and Submit Feedback.

Logout.

Admin:

Login

Navigate to Dashboard, View product, View User, Change category to Help Sent (Department will Send help by External Source), View Feedback.

Logout

• Testing Activities:

Every unit is tested and performing well in this system. We tested every form and data which is loaded from database.

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3. Design Phase

Design phase involves the preparation of the blueprint of the proposed system, which includes following:

➤ Designing the GUI Standards:

For the "THRIFT FASHION", we plan and design the User Interface by using "PHP, HTML, CSS, JAVASCRIPT AND BOOTSTRAP".

For the "THRIFT FASHION", Multiple pages created and linked to each other. Each of these pages have a consistent look with respect to appearance. The font style, Family, Color of the label, Design and appearance of command buttons and size of control, Such as text boxes consistent through all the forms/pages.

➤ Designing the Database:

We designed 6 tables for our Database namely,

- 1. address
- 2. billing type
- 3 cart
- 4. product sub_category
- 5. contact
- 6. order invoice
- 7. order
- 8. user
- 9. product_category
- 10. admin
- 11. daily_offer
- 12. team
- 13. product
- 14. billing
- 15. feedback





➤ Designing the Process Modules:

User View:

- Registration
- Login
- Home
- Product
- Billing
- Feedback
- Logout

Admin View:

- Login
- Dashboard
- Show product
- Show Daily offer
- Show category
- Show Feedback
- Validate Users
- All Users
- Logout

➤ Designing Coding Standards:

Use navbar as a external file "nav.php", linked as include "nav.php" in php on every page top.

➤ Assigning and Monitoring Tasks:

Project Title:

Thrift Fashion

Team Members:

Muhammad Jamshaid

Muhammad Kamran

Muhammad Asif

Osama Waqas





Task Assigning:

Database Design by Muhammad Jamshaid & Muhammad Asif

Development By Muhammad Kamran, & Muhammad Jamshaid

Documentation By Muhammad Asif & Muhammad Kamran

Each phase is discussed in detail.

➤ Designing the GUI Standards

Multiple Web pages or mobile forms may be created for implementing the project and linked to each other. Each of these Web pages or forms should have a consistent look with respect to appearance and theme used. The font styles, color of the labels, design and appearance of the command buttons, the appearance of header and footer, and the design and size of controls, such as check boxes or text boxes should be consistent through all the pages.

You should record the GUI standards in the 'GUI Standard Document SWD/Form No. 4' given in the Documentation Section of this Project Guide.

Also, you should record the **'Interface Design Document SWD/Form No. 5'** given in the Documentation Section of this Project Guide.

4. Documentation Section

Design Plan:	Document Name: GUI Standard Document	SWD/Form No. 4
Effective Date:	Version: 1	Page No.

Document Design

Property	Value
Document Theme and Color Scheme	Bootstrap Classes Used / #009085
Form-Background Color	Transparent





	- 3
Title-Font Size	50px
Title-Font Color	White
Title-Font Style	Regular Calibri
Title-Alignment	Center
Background color of Controls on the form	Bootstrap Classes:form-control & btn btn-success
Foreground color of Controls on the form	White
Control Caption	Bootstrap used
Font Size	18 px
Control Caption	White
Font Color	Black,white
Control Caption	Bootstrap used
Font Style	Calibri Regular
Control caption and controls-Alignment	input/Center
Command button- Alignment	Center

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Design Plan:	Document Name: Interface Design Document	SWD/Form No. 5
Effective Date:	Version: 1	Page No.

1. List of forms to be created

Page/Form Name	Description	Controls on the Page/Form
Index.php/login & register	Form on this page user do registration and login .	Input tags /form tag
product.php/ Buy Product	This page is for Buy Product	Input tags /form tag
Feedback.php/ send feedback	This page is for send feedback.	Input tags /form tag
team/create team	This page for creating team	Input tags /form tag

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> Designing the Database

You must record your Table Design details in the document 'SWD/Form No.6' given in the Documentation Section of this Project Template.

Design Plan:	Document Name: Interface Design Document	SWD/Form No. 6	
Effective Date:	Version: 1	Page No.	

Name of the table	Table Description	Number of Fields	Primary Key	Related tables	Foreign Key
Address	Contain Address	10	Id	-	2
Product	Contain Product	12	Id	-	1
Admin	Contain Admin	5	Id	-	-
Product_category	Contain Product_category	3	Id	-	-
User	Contain User	6	Id	-	-





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Billing_type	Contain Billing_type	2	Id	-	1
Cart	Contain cart	4	Id	-	2
Contact	Contain contact	6	Id	-	-
Product sub_category	Contain Product sub_category	3	Id	-	1
Order in_voice	Contain Order in_voice	6	Id	-	2
Order	Order	4	Id	-	1
Daily_offer	Contain Daily_offer	5	Id	-	1
team	Contain team	5	Id	-	-
feedback	Contain Feedback	5	Id	-	2

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> Designing the Process Modules

Design Plan:	Document Name: Interface Design Document	SWD/Form No. 7	
Effective Date:	Version: 1	Page No.	

1. Process Name

User Validation and Login

2. Process Description and Details

_ When a user register himself a request will be sent to the admin to verify information of user If information is valid then admin validate the user after validating user, A user will be able to Login, if admin reject the user information then the user can not able to login





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> Designing Coding Standards

Design Plan:	Document Name: Coding Standards Document	SWD/Form No. 8
Effective Date:	Version: 1	Page No.

1. Programming Standards

None

2. Standards for Code Writing Style

None

3. Standards for Declaring Variables

None

4. Standards for Functions Declarations

None

5. Other Standards

None





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Date	10 th to 13 th August 2022	

> Assigning and Monitoring Tasks

Design Plan:	Document Name: Task Sheet	SWD/Form No. 9	
Effective Date:	Version: 1	Page No.	

Project Ref. No.:	Project Title: THRIFT FASHION	Activity Plan Prepared By: jamshaid		Date of Preparation of Activity Plan: 10 th – aug-2022		vity
Task Sub Division	Description	Planned Start Date 10 th – aug- 2022	Actual Start Date 10th – aug- 2022	Actual Days 4 days	Team Member Names Muhammad jamshiad Muhammad Kamran Muhammad asif Osama waqas	Status Leader Co-leader Member member





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Date	10 th to 13 th August 2022

Final Check List

Design Plan:	Document Name: Final Check List	SWD/Form No. 12	
Effective Date:	Version: 1	Page No.	

S.No	Aspect Tested	Suggestion/Remarks
1.	Have all the modules been properly integrated and are they completely functional?	Completed
2.	Does each unit meet its objective and purpose? Are all the validations happening as specified in Process Design?	Completed
3.	Have all the Design and Coding standards been followed and implemented?	Completed
4.	Is the GUI design consistent all over?	Completed
5.	Are the codes working as per specification?	Completed
6.	Does the application's functionality resolve the client problem, and satisfy his/her needs completely?	Completed
7.	Have the hardware and software been correctly chosen?	Completed
8.	Additional features and utilities that give value addition to the entire project.	Completed

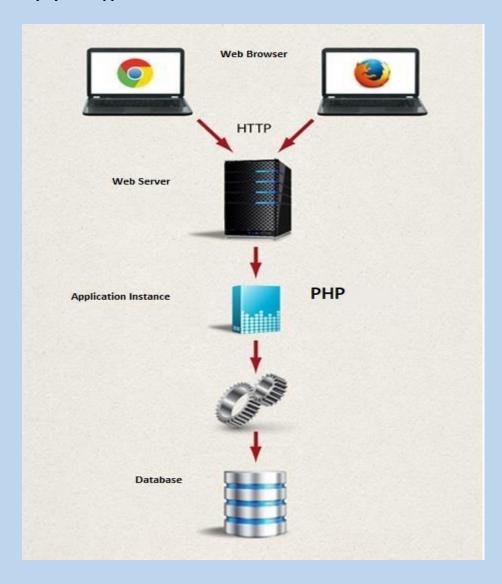




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Date	10 th to 13 th August 2022	

5. Architecture of Application

Figure 1.1 displays the application architecture.







LEVEL 1 DFD

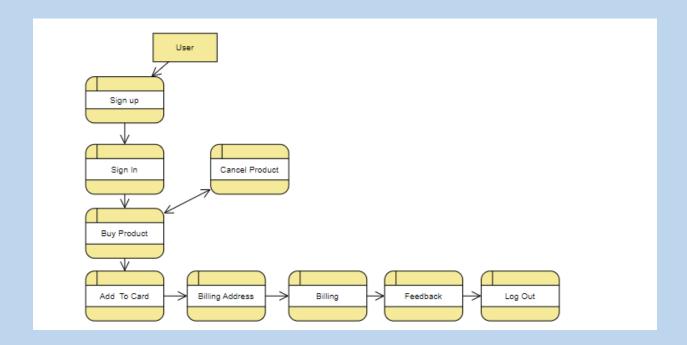


Figure 1.3: Level 1 DFD - Main Processes





Figure 1.4: Level 2 DFD

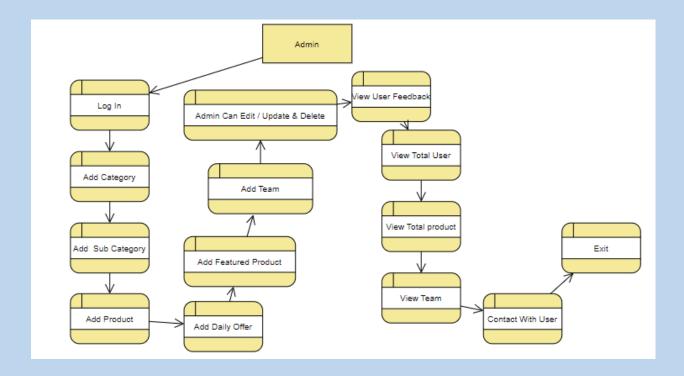


Figure 1.5 displays the second level DFD <for second activity>.

Figure 1.5: Level 2 DFD





Entity Relationship (ER) Diagram

Figure 1.13 displays the ER diagram.

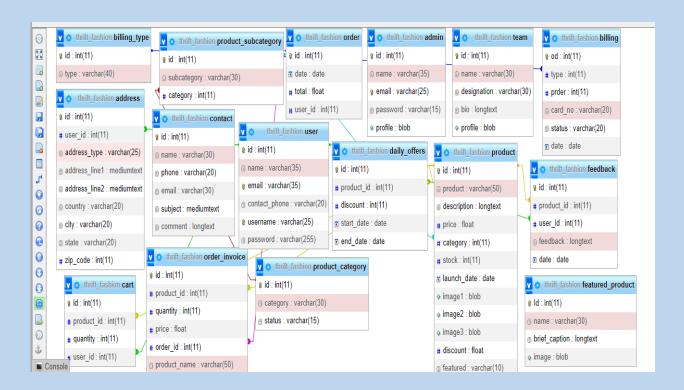


Figure 1.13: ER Diagram





Database Design

Table: address		

Field Name	Data Type	Key	Description
Id	INT	Pk	Stores the Unique address ID
User_id	int	Pk,FK	Stores the Unique address ID FK with user_id
address_type	varchar		Stores the address type
address_line_1	mediumtext		Stores the address line 1
address_line_2	mediumtext		Stores the address line 2
country	Varchar		Stores the country
city	Varchar		Store the city
state	Varchar		Store the state
zip_code	int		Store the zip code





Table: product

Field Name	Data Type	Кеу	Description
id	Int	PK	Store product id
product	Varchar		Store product name
description	Long_text		Store product description
price	Float		Store product price
category	int	PK, FK	Store category name FK with sub category
stock	int		Store product quantity
launch_date	Date		Store Product release date
image_1	Blob		Store product image
image_2	Blob		Store product image
image_3	Blob		Store product image
discount	float		Store product name
featured	varchar		Store product feature
status	varchar		Store product status





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Field Name	Data Type	Кеу	Description
Id	Int	PK	Store admin id
Name	Varchar		Store admin name
Email	Varchar	unique	Store admin email
Password	Varchar		Store admin password
profile	blob		Store admin picture

Table: product_category

Field Name	Data Type	Кеу	Description
Id	int	PK,FK	Store category id FK with category(product table)
Category	Varchar		Store category name
status	Varchar		Store category status





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Field Name	Data Type	Key	Description
Id	Int	PK	Store user id
Name	Varchar		Store user name
Email	Varchar	unique	Store user email
Contact_phone	Varchar		Store user contact OR phone
Username	Varchar		Store user username
password	Varchar		Store user password

Table: cart

Field Name	Data Type	Key	Description
Id	Int	PK	Store cart id
Product_id	Int	FK	FK with (product table)
Quantity	Int		Store cart quantity
User_id	Int	FK	FK with (user table)





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Field Name	Data Type	Key	Description
Id	Int	PK	Store contact id
Name	Varchar		Store contact name
Phone	Varchar		Store contact phone
Email	Varchar		Store contact email
Subject	Mediuntext		Store contact subject
comment	Longtext		Store contact comment

Table: product sub_category

Field Name	Data Type	Key	Description
Int	Int	PK	Store product sub_category id
Subcategory	Varchar		Store product sub_category
category	Int	FK	FK with (category table)





Table: order_invoice

Field Name	Data Type	Key	Description
Id	Int	PK	Store order_invoice id
Product_id	Int	FK	FK with (product table)
Quantity	Int		Store quantity
Price	Float		Store price
Order_id	Int	FK	FK with (order table)

Table: order

Field Name	Data Type	Key	Description
Id	Int	PK	Store order id
Date	Date		Store order date
Total	Float		Store order total
User_id	Int	FK	FK wih (user table)





Table: daily_offer

Field Name	Data Type	Key	Description
Id	Int	PK	Store daily_offer id
Product_id	Int	FK	
Discount	Int		Store daily_offer discount
Start_date	Date		Store daily_offer start date
end_date	Date		Store daily_offer end date

Table: team

Field Name	Data Type	Key	Description
Id	Int	PK	Store team id
Name	Varchar		Store team name
Designation	Varchar		Store team designation
Bio	Longtext		Store team bio
profile	Blob		Store team picture





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Field Name	Data Type	Key	Description	
Id	Int	PK	Store feedback id	
Product_id	Int	FK	FK with (product table)	
User_id	Int	FK	FK with (user id)	
Feedback	Longtext		Store feedback message	
date	Date		Store feedback date	

Table: billing

Field Name	Data Type	Key	Description
Id	Int	PK	Store billing id
Porder	Int	FK	FK with (product table)
Card_no	Varchar		Store billing Card_no
Status	Varchar		Store billing Status
Date	Date		Store billing date





6. Evaluation/Testing

This is the most crucial phase where each unit is tested for its functionality. Test data is used to check if the module is able to process it without causing any errors. Test data may be live data extracted from existing records in the system or dummy data. Then, the individual tested modules are integrated and tested as a whole through its various paths. During this phase, the Project leader reviews the developed system against each of the Customer Requirement Specifications and thus, ensures that the developed system is able to resolve the Problem Definition completely.

After finishing the project, give it to your peers for testing the entire project. The project should be verified for the data entered by the customer in the various forms. The findings can be records in the document 'SWD/Form No. 10'.

Design Plan:	Document Name: Testing Document	SWD/Form No. 10
Effective Date:	Version: 1	Page No.

S.No	Features Tested	Remarks
All	All	Excellent

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7. Project Tracking and Monitoring Activities

Conduct a review to understand the project status and record the findings of the **Project Review** in the document '**SWD/Form No.11'**, given in the Documentation Section of this Project Template.

Design Plan:	Document Name: Project Review	SWD/Form No. 11
Effective Date:	Version: 1	Page No.

LOo	Project Plan/ Milestone	Work Specification	Status of the Activity	Remarks	Responsibility
	Design		Done	Excellent	Muhammad jamshaid
	Development		Done	Excellent	Muhammad asif,Muhammad Kamran, Muhammad jamshaid
	Documents		Done	Excellent	Muhammad asif , Muhammad osama waqas

	Prepared By: Muhammad Jamshiad, Muhammad Kamran, Muhammad Asif, Osama waqas
Date	10 th to 13 th August 2022





> Various forms required in the project

8. Source Code

Product php Source Code:





Admin php Source Code:

```
session_start();
if (isset($_SESSION['adminid'])) {
     include_once 'config.php';
include 'header.php';
     $pro_query = "select * from `product` p join `product_subcategory` sc on p.Category=sc.id join `product_category` c on sc.category=c.id";
     $pro_result = mysqli_query($conn, $pro_query);
     if (isset($_POST['btnAddd'])) {
         $product = $_POST['pro'];
          $descrition = $_POST['desc'];
          $price = $_POST['price'];
         $category = $_POST['category'];
         $image1 = addslashes(file_get_contents($_FILES['image1']['tmp_name']));
$image2 = addslashes(file_get_contents($_FILES['image2']['tmp_name']));
$image3 = addslashes(file_get_contents($_FILES['image3']['tmp_name']));
          $discount = $_POST['discr'];
          $stock = $_POST['stock'];
         $featured = "Yes";
$status = "Active";
         $p_query = "INSERT INTO `product`(`product`, `description`, `price`, `category`, `stock`, `launch_date`, `image1`, `image2`, `image3`, `discount`
         $p_result = mysqli_query($conn, $p_query);
         if ($p_result) {
   header('location: products.php');
              echo "Record Not Inserted " . mysqli_error($conn);
    $\text{Sconn} = mysqli_connect('localhost', 'root', '', 'thrift_fashion');
$\text{squery} = "select * from product_category";
     $cresult = mysqli_query($conn, $cquery);
```





9. User Guide

A. System Requirements:

• Technologies to be used:

```
Frontend:
HTML,
CSS,
Bootstrap,
JavaScript,
jQuery,
AJAX,
XML
Backend:
Php.

Database:
MySQL.
```

Application:

```
Operating System:
Windows, Linux
Browsers:
Edge,
Chrome,
Mozilla Firefox
```





Thank You!