MID TERM LAB PROJECT

SOFTWARE ENGINEERING

SECTION: [F]

Group 1:

- 1. ROMIJ UDDIN AHMED CHOWDHURY (18-37800-2)
- 2. SHOAIB AHAMED (18-37821-2)
- 3. FOYSAL AHMED PRANTO (18-36872-1)
- 4 HUMAIRA RASHID HIYA (20-43483-1)
- 5. SHAMIRA YESMIN (18-36483-1)

Problem Domain

1.1 Background of the problem:

The name of our application is "Organization Software". It has both mobile application version and a website. As per we know due to our current situation, we have been through COVID-19 pandemic. For this we had to quarantine for about 2 years. In these 2 years people hardly enjoy that much. And also, some people still afraid to go outside and organize things like they do. For them actually is our approach. So that people can actually do things through online. People always likes works to be done by online. Now many peoples earning source is really down by keeping them in mind we also providing less cost tickets. And those sellers who will sell their things via their shops they can easily get their chance to fulfill their needs. companies get closed. Many companies refused to give salaries and fired their employees. This is the root cause of this problem. Though the govt gave help but it became beneficial only for the poor and middle-class families. So, it is very important to consider the situation for the rich people who have a better condition because it is about the lives of people.

Though we have created this application for this current situation but we will continue our project. At this moment, our main focus will be on the best organization process. After overcoming this situation, we will focus on the best service we can provide. For those who will come to our fair and also for those who will give their stalls.

So, giving cash directly to the individuals isOrganization Software's simplicity and indeed this can be the best way in these types of circumstances. Many people wantto come in this type of programs but they cannot trust all of them. Besides, some softwaredoes not have good service as well as a good image. So thus they can trust our project.

PROJECT PROPOSAL:

Organization Software

REQUIREMENT ANALYSIS:

- 1. Login (Purpose of any Exhibition, Fair, conference) Password
- 2. Button option for choice:
 - 1. Exhibition
 - 2. Fair
 - 3. conference

For Fair:

- 1. All Shop List
- 2. All Shop owner list
- 3. Shop instrumentsdetails
- 4. Payment:
 - 1. Shop payment
 - 2. Products price
 - 3. Stuffs payment
- 5. Ticket Counters list
- 6. Ticket Prices List
- 7. Customers Entry/Outing Details
- 8. Contacts

Exhibition:

- 1. All Stall List
 - i) Stall details
 - ii) Members information
 - iii) Staff information
- 2. Stall owners name list
- 3. Stall instruments details
- 4. payment
 - 1. Stall payment
 - 2. Product Price
 - 3. Stuff Payment
- 5. Ticket price List
- 6. Customer Entry/Outing Details
- 8. Contacts

Conference:

- 1. All member List:
 - 1. Add Member
 - 2. Delete Member
- 2. ticket list such as customer/member Entry and outing time and schedule
- 3. Ticket payment add and schedule

Functional Requirements:

LOGIN

- 1. User must login to the software to run the Software.
- 2. Password should have 8 characters.
- 3. Before login user must register his/her account
- 4. Forregistration user must write first name, last name, NID number, and phone Number, Email address.
- 5. User must click the on box that will be the acceptance of our terms and condition
- 6. At last user must press LOGIN button for login.
- 7. After Login User can see three option button (Fair, Exhibition, Conference) and then They can choose where they want to go between this three options.

Fair:

- 1. User must login to his/her account first
- 2. User will see the fair option in the main page
- 3. User must click into the fair to be redirected to the fair page.
- 4. The user will be able to see the list of all the shops
- 5. The user will see the list of all the owner of the shops
- 6. Shop instruments will be detailed out onto the page
- 7. The buyer detail and the payment details will be shown
- 8. User can add and delete payment details according to their program Requirement.
- 9. User will able to see ticket list which they can add and delete.

Exhibition:

- 1. User must login to his/her account first.
- 2. User will see the exhibition option in the main page. When User chose Exhibition User The user will be able to see All Stall List.
- 3. User Can Check Stall details, Members information, Staff information.
- 4. The user will be able to see Stall owners name list & also check Stall instruments Details.
- 5. Stall payment, Product Price, Stuff Payment detail will be shown.
- 6. The user will be able to see Ticket price List which they can add and delete.
- 7. Customer Entry/Outing Details also shown in thepage which they can add and Delete.
- 8. The user will see the Contacts for any kind of help.

Conference:

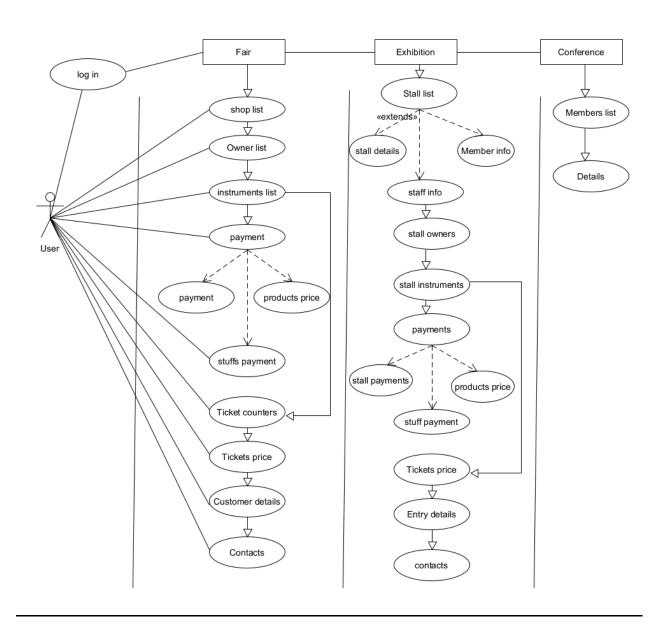
- 1. User can see the member list which they can add and delete.
- 2. User can ticket list which they can add and delete.

Non-Functional Requirements:

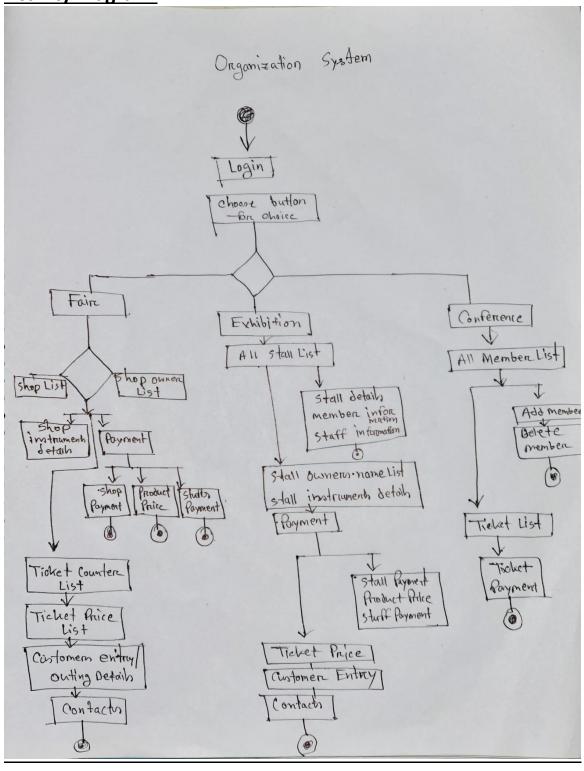
User can use this Software fully securely. This Software will becreated bymaintainability. All the features should be in clear maintenance. Even if they faced any problem they contact us using contact numbers which is in the contact option. All the features will be in scale.

Diagrams:

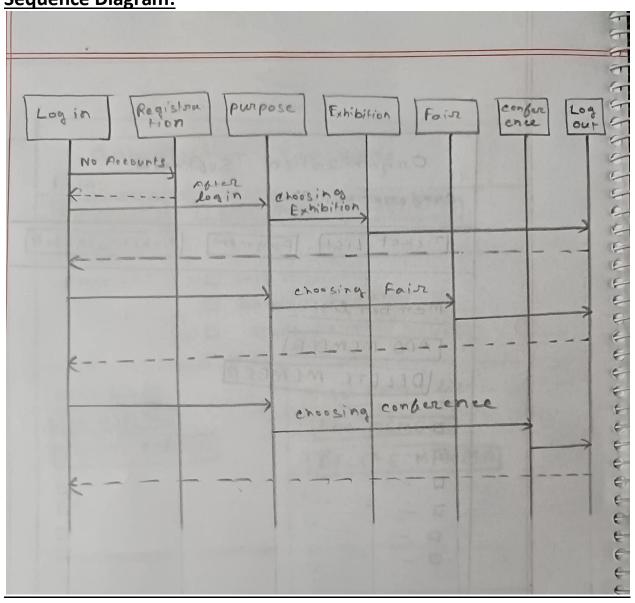
Usecase Diagram:



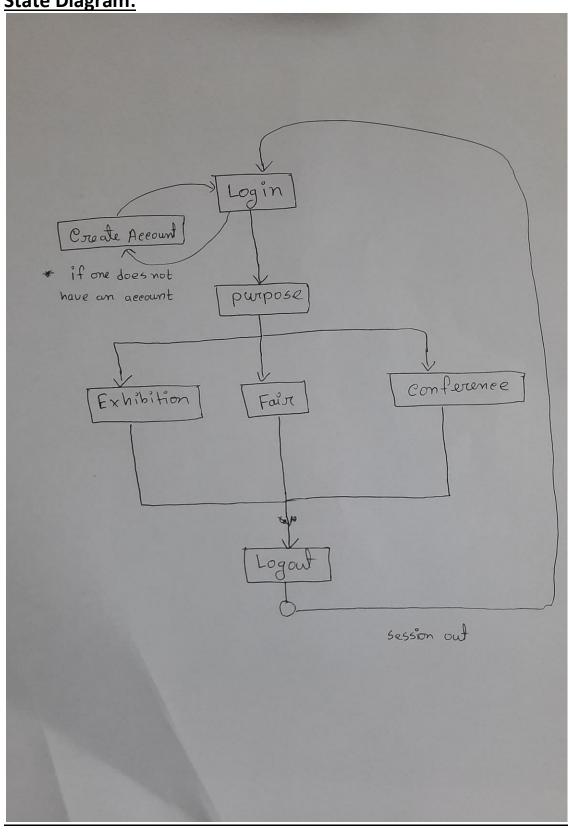
Activity Diagram:



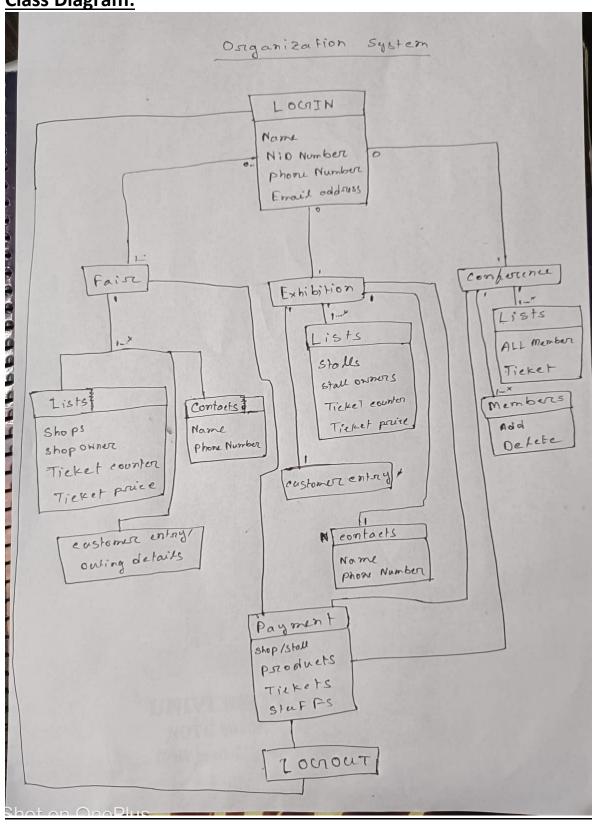
Sequence Diagram:



State Diagram:



Class Diagram:



Model Selection:

The V-model represents a development process that may be considered an extension of the waterfall model, and is an example of the more general V-model. Instead of moving down in a linear way, the process steps are bent upwards after the coding phase, to form the typical V shape. V-Model also referred to as the Verification and Validation Model. In this, each phase of SDLC must complete before the next phase starts. It follows a sequential design process same as the waterfall model. Testing of the device is planned in parallel with a corresponding stage of development.

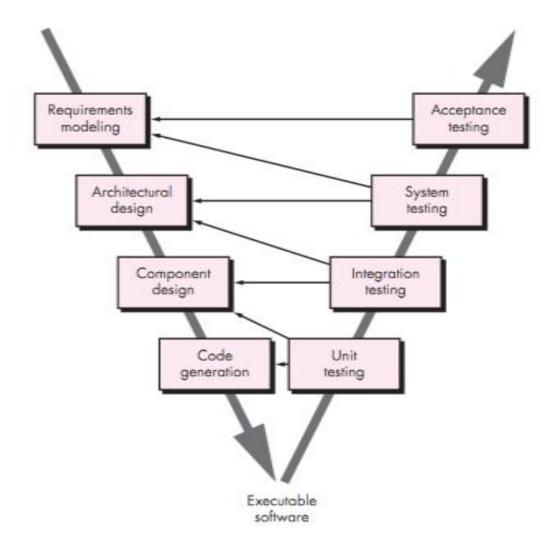
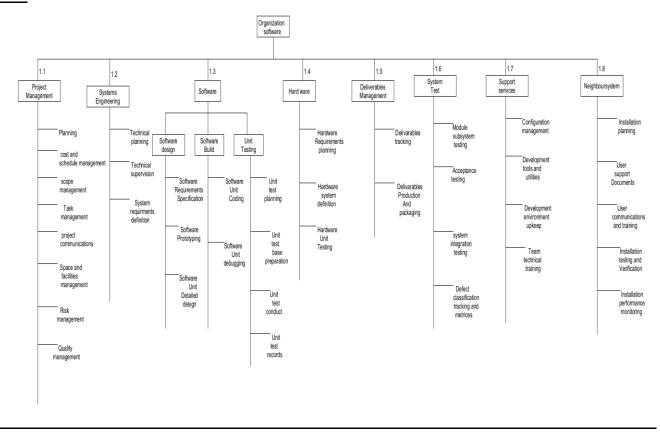


Figure: V-model

The V-model in Software Engineering is the best process For our project because our project is one time delivery with proper testing no backtracking. Initially we will collect all the requirements from the Customer. Then we build the system requirement wise and when we going to deliver our project we will check our whole system properly and test it like a V-model.

WBS:



Project Frames:

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The state of the s
[8]
A Maria (1865)
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LOWIN
Osen Names
Password ?
100 in
>> No account, operate one!
De la Principal de la constitución de la constituci
fongot Passionas

Originization Software	
	1:10
Coreate Account	
First Name:	
Lost Name:	
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Email Address:	1
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terms and conditions	1200

Osigonization software

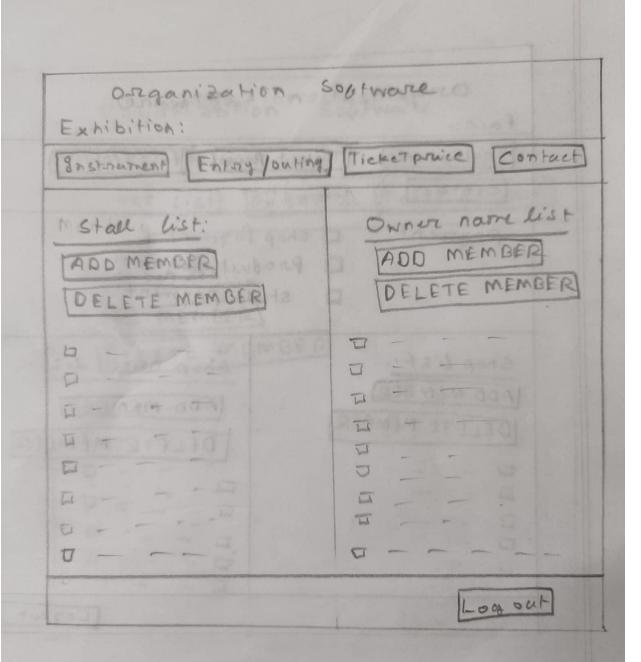
Walepaper

Parpose:

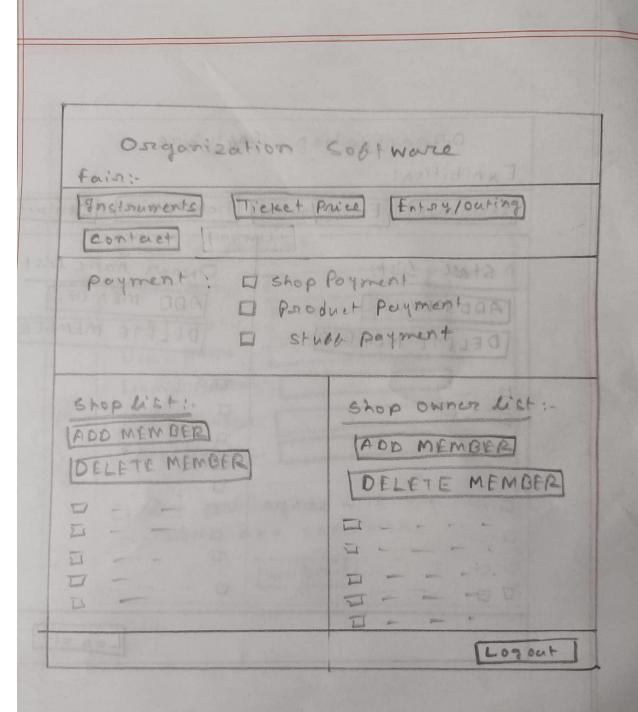
Exhibition

Fair

Conference



Powered by Triple Camera 2022.08.21 22:50



Powered by Triple Camera 2022.08.21 22:50

Organization Soutwork conderence: [Ticket List] [Payment] [Ticket schedule Member list: TADO MEMBER DELETE MEMBER Log out

Shot on OnePlus

Powered by Triple Camera 2022.08.21 22:50

Test Automations:

Project Name: Organization Software		Tes	Test Designed by:Hiya			
Test Case ID: FR_1		Tes	Test Designed date:1.05.2022			
Test Priority (Low, Medium,	High): Medium	Tes	t Executed by:H	iya		
Module Name: Login Session	1	Tes	t Execution date	:3.05.2022		
Test Title: verify login with v	alid username and	password and create	account			
Description: Test website log	in page					
Precondition (If any): User m	ust have valid user	rname and password				
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)		
 Go to the website Enter username Enter password Click submit 	Username: 999999999 Password: 321	User should login into the application	As expected,	Pass		
Post Condition: User is valida	ited with database	and successfully logi	n to account. The	account session		

details are logged in the database.

Project Name: Organization Software			Test Designed by:Hiya		
Test Case ID: FR_2			Test Designed date:22.05.2022		
Test Priority (Low, Medium, I	High): Medium	Tes	st Executed by:H	iya	
Module Name: Registration			Test Execution date:24.05.2022		
Test Title: Registration for cre	ating account				
Description: Test website crea	te account page				
Precondition (If any): All info	rmation should be	typed correctly			
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	
 Go to the website Enter all information Click submit 	First Name: Last Name: Username: NID Number: Phone Number: Password: Confirm Password:	User should Typed their correctly into the application	As expected,	Pass	

Post Condition: User is validated with database and successfully created a account. The account details are logged in the database.

Project Name: Organization Software			Test Designed by: Romij			
Test Ca	ase ID: FR_3			Test	Designed date:	13.06.2022
Test Pr	iority (Low, Medium, l	High): Medium		Test	Executed by: R	omij
Module	e Name: Purpose			Test	Execution date:	15.06.2022
Test Ti	tle: Option for choosing	g purpose				
Descrip	ption: Test website for	create account page	2			
Precon	dition (If any):					
Test St	eps	Test Data	Expected Result	ts	Actual Results	Status (Pass/Fail)
1. 2.	Go to the website Click the Option Where you want to go	Purpose: Exhibition Fair Conference	Button should be Worked Properly	у	As expected,	Pass
Post Co	ondition: User is succes	s to chose their op	tion purpose and A	All bu	tton worked proj	perly.

Project Name: Organization Software			Test Designed by: Pranto		
Test Case ID: FR_4			Test Designed date:25.06.2022		
Test Priority (Low, Medium, High): Medium			Test Executed by: Pranto		
Module Name: Exhibition			Test Execution date:27.06.2022		
Test Title: A Organization webp	age for Exhibition	n			
Description: Test all function of	a page of Exhibiti	ion			
Precondition (If any):					
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	
 Go to the website Check the Buttons and all function of this page Should be checked 	Instruments Entering/Outin g Ticket Price Contact	All function shoul be worked properl	r ,	Pass	
Post Condition: User use this we	bpage and success	to use all functions.			

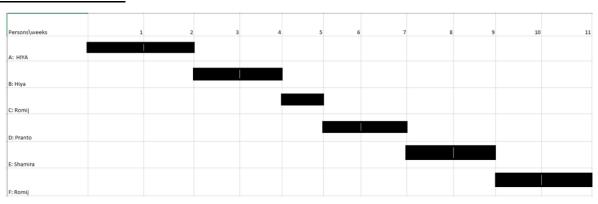
Project Name: Organization Software			Test Designed by: Shamira		
Test Case ID: FR_5			Test Designed date:.17.07.2022		
Test Priority (Low, Medium, High): Medium			Test Executed by: Pranto		
Module Name: Fair			Test Execution date:19.07.2022		
Test Title: A Organization webp	age for Fair				
Description: Test all function of	a page of Fair				
Precondition (If any):					
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	
 Go to the website Check the Buttons and all function of this page Should be checked 	Instruments Entering/Outin g Ticket Price Contact Payment:	All function should be worked proper	r ,	Pass	
Post Condition: User use this we	bpage and success	to use all functions.			

Project Name: Organization Software			Test Designed by: Romij		
Test Case ID: FR_6			Test Designed date: 9.08.2022		
Test Priority (Low, Medium, High): Medium			Test Executed by: Pranto		
Module Name: Conference			Test Execution date: 11.08.2022		
Test Title: A Organization webp	age for Conferen	ce			
Description: Test all function of	a page of Fair				
Precondition (If any):					
Test Steps	Test Data	Expected Results	Actual Results	Status (Pass/Fail)	
 Go to the website Check the Buttons and all function of this page Should be checked 	Member List Add Member Delete Member	All function should be worked properly	As expected,	Pass	
Post Condition: User use this we	bpage and succes	s to use all functions.			

Constructive Cost Model:

Required number of people

Timeline Charts:



Activity Key: A: Login (Design and Code implementation)

B: Create Account (Design and Code implementation)

C: Purpose page (Design and Code implementation)

D: Exhibition Page (Design and Code implementation)

E: Fair page (Design and Code implementation)

F : Conference Page(Design and Code implementation)