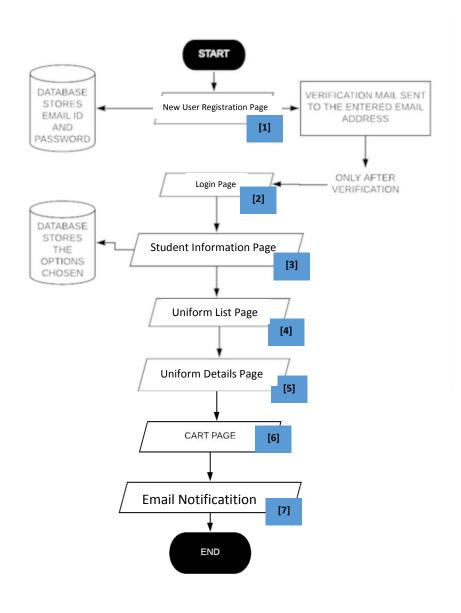
# CRITERION B

# INTERNAL STRUCTURE AND OVERALL STRUCTURE

### Overall Structure

The numbers in the design in the overall structure link the proposed designs of the internal structure.

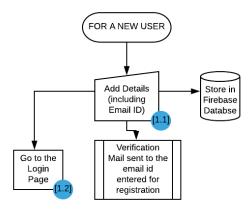
# 1) Proposed Flow of App



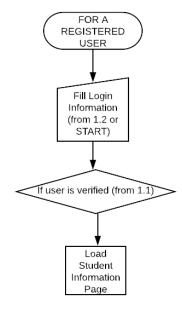
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<sup>&</sup>lt;sup>1</sup> https://www.lucidchart.com/pages/tour/flowchart\_freeware

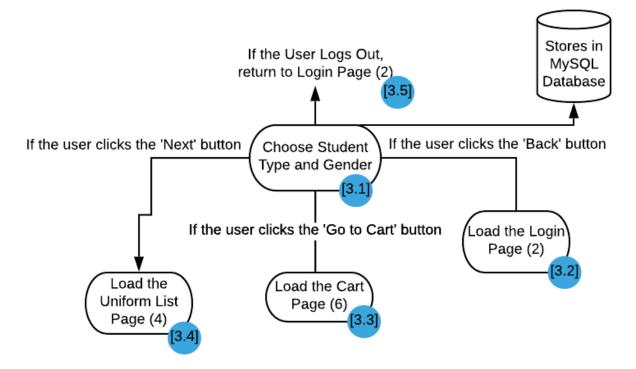
### 2) Proposed flow of Registration Page



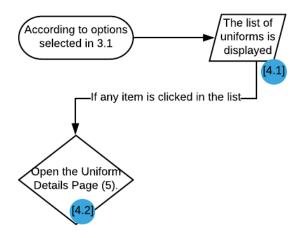
### 3) Proposed flow of Login Page



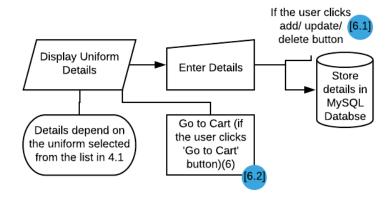
4) Proposed flow of Student Information Page



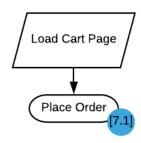
5) Proposed flow of Uniforms List Page



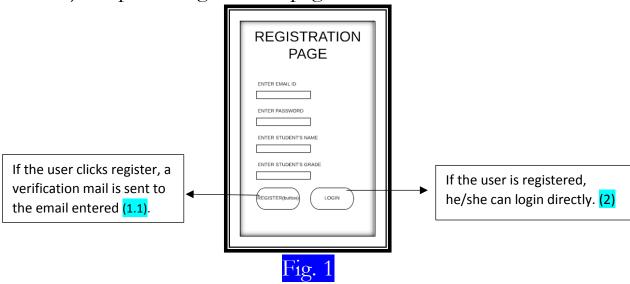
### 6) Proposed flow of Uniform Details Page



### 7) Proposed flow of Cart Page



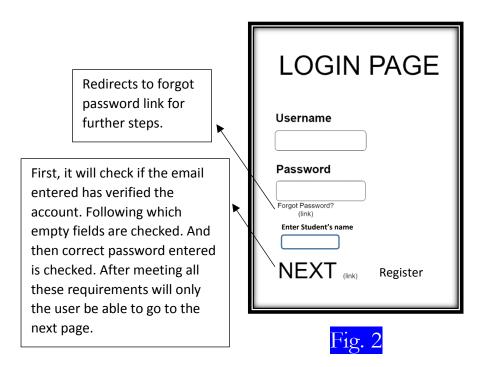
1. A) Proposed registration page



# B) Table of the proposed Registration page:

Field Name	Data Type of	Purpose
	the field	
Email ID	String	Secured Registration of
		the user
Password	String	To secure the user's
	(alphanumeric)	data.
Name	String	Store the student's
		name
Grade	String	Store the student's
		grade
Registration	Button	To send a verification
		mail to the email id
		entered in the field,
		'email id' and store the
		data in the database
Login	Button	If a user is already
		registered, he/she can
		directly login to the app

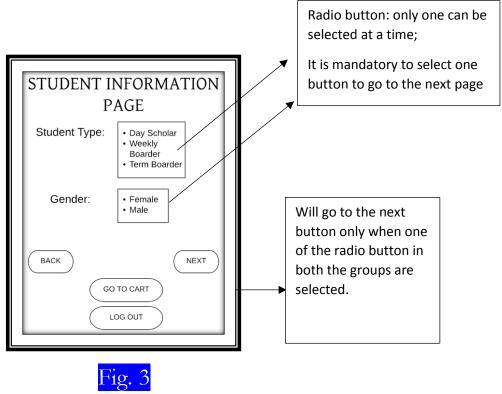
# 2. A) Proposed Login Page



## B) Table of proposed login page:

Field Name	Data Type of	Purpose
	the field	
Username	String	To personalize the
		user's information
Password	String (alphabets	To secure the user's
	and numbers)	data.
Forgot Password	Link	Link to reset the
		password
Next	Button	next page
Register	Button	Directs to the
		registration page for
		new users

### 3. A) Proposed Student Information

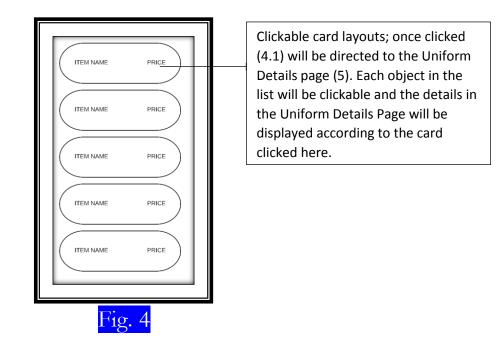


B) The form of the Student Information Page is as follows:

Field	Data	Purpose	Description
Name	Туре	_	_
Student	Radio	To filter the	The user can
Туре	Buttons	uniform	select only
		items list	one of the
			radio buttons
Gender	Radio	To filter the	The student
	Buttons	uniform	can select
		items' list	only one of
			the radio
			buttons
Next	Button	Goes to	
		next page	

The selection construct here defines the list of uniform to be displayed in the next page. For example, the list of uniforms differs from Day Scholar to Boarder.

### 4. A) Proposed Uniform List Page

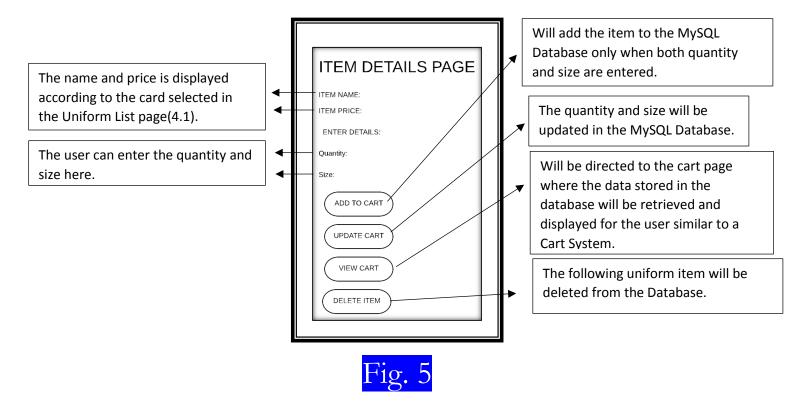


### B) Details of each card is as follows:

Field	Data	Purpose	Description
Name	Type		
Card	Clickable	To go to the	This card is
	Card	details of the	clickable
		particular	
		uniform item	
		card selected	
Item	String	Displays the	
Name		different	
		uniform name	
Item	String	Displays the	
Price		corresponding	
		uniform price	
		with the	
		uniform name	

The same card layout is used for other cards.

## 5. A)Proposed Item Details Page

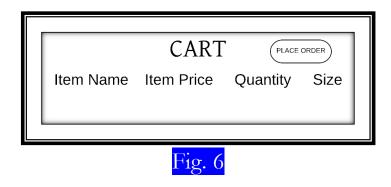


# B) Forms to add/remove/update/view the items in the cart

Field	Data Type	Purpose	Description
Name			
Item Name	String	Displays the different uniform name	The name is displayed according to the card clicked on in the previous page, 'Uniform List
Item Price	String	Displays the corresponding uniform price with the uniform name	Page' The price is displayed according to the card clicked on in the previous page, 'Uniform List Page'

Quantity	String	User can enter the	The maximum
		required quantity	and minimum
		within a limit.	value that the user
			can enter is
			displayed.
Size	String	User can enter the	The maximum
		required size	and minimum
		within a limit.	value that the user
			can enter is
			displayed.
Add to	Button	As the user clicks	Connected to the
Cart		this button the	MySQL Database.
		data is stored in	
		the cart in the	
		database.	
Update	Button	As the user clicks	Connected to the
Cart		this button the	MySQL Database.
		data stored in the	
		cart gets updated.	
View Cart	Button	As the user clicks	Connected to the
		this button, the	MySQL Database.
		user can view all	
		the data stored in	
		the cart.	
Delete	Button	As the user clicks	After the
Item		this button a pop	confirmation, the
		dialog box	item is deleted
		appears to	from the cart.
		confirm the	Connected to the
		deletion.	MySQL Database.

# 6. A) Proposed Cart Page



# B) Proposed details of the Cart Page

Field Name	Data Type	Purpose
Place Order	Button	Goes to the
		'Mail page'

# 7. A) Proposed Mail Notification



### Test Plan

database.  Iogin Page  Iogin Page opens the next page  Iogin Page opens to continue the using the appearance opens  Iogin Page  Iogin Page opens and works  Iogin	Registration Page Vali  Dat  Che dat  Login Page Log  Vali  God	ta is stored in Firebase Database  ta is stored in Firebase Database  eck if these users are present in the client's  tabase.  gin Page opens the next page	Verify through verification mail sent to the entered email id to check if such a mail exists.  After registering, the data is stored in the Firebase Database.  To check if the student's are present in the list of students in the client's database.  To make sure the first (main) page opens to continue the using the app	A verification mail is sent to the entered email id and the user verifies it to login  The Email id, Student's name and Student's grade is stored in the database.  The user should be registered only if the student is present in the client's database.	MET  MET  NOT MET	Too complex: The students' list had many students to make a check and then
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Valid Username and Password are Identified  To check if the system is using the predefined data.  Goes to the "forgot password" page  To check if "forgot password" page password" page above that the forgot password page popers and works properly.  Student Information Page  Selects only one option in "Type of student" options list is selected at a time is selected at a time.  Selects only one option in "Gender options list information" page is applied in 'Uniform' Page  Filter of the options selected in the "Student information" page is applied in 'Uniform' Page  Filter of the options selected in the "Student information" page is applied in 'Uniform' Page  Filter of the options selected in the "Student information" page is applied in 'Uniform' Page  Stel is entered in the range allowed  To check that the filters applied in the limit allowed  To check that the sites applied in the previous page are applied correctly in the next i.e. "Uniform" page  The previous page are applied correctly in the next i.e. "Uniform' page  Stel is entered in the range allowed  To check that the sites applied in the limit allowed  To check that the range allowed  To check that the range allowed  The required function are performed in the cart page.  The range function are performed in the cart page.  The required function are performed in the cart page.  The required function are performed in the cart page.  The required function are performed in the cart page.  The required function are performed in the cart page.  The required function are performed in the limits set.  The required function are perfor	God		арр			
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