

2020

ASSIGNMENT 1

THERE IS AN APP FOR THAT

PARWHIZ-ONLING CAR PARKING BOOKING APPLICATION GROUP

OJAS KULKARNI
MADHU METHWANI
RAJDEEP KAUR
DISHA MAINI

Contents

PURPOSE OF APPLICATION	2
STORYBOARD	3
Storyboard before	3
Storyboard After	4
EPICS.....	0
EPIC 1	0
EPIC 2	1
WIREFRAME	0
SITE MAP	7
Functional Documentation	8
1.Login Screen:.....	8
2.Sign Up Screen:	10
3.Account Successfully Created Screen:.....	12
4.Password Reset Screen	13
5.Select Campus Screen:.....	15
6.Select parking Area Screen:.....	17
7. Welcome to parking area screen:.....	19
8. Please click on parking spot screen :	20
9. Enter Pass Number Screen:.....	21
10. Select a payment method screen:.....	22
11. Enter Card Details Screen	23
12. Payment Confirmed Screen	24

PURPOSE OF APPLICATION

The purpose of making the car parking application is to make the parking simple and easily available for all the people such as college staff, students, and for every other person who comes to Conestoga college. There happens a lot of chaos every time for the parking because people arrive to college, they look at any parking spot which is near and try to park their car. But if no spot is available, they have to drive to some other parking area in the college, it consumes a lot of their time and as usual people gate late for their classes and work. So the main purpose to make an application which would directly give an update to every person coming to college about where the parking spot is available so just by looking at the update in the application the person can directly just go to the spot and can park their car easily without getting late.

It is very common for the students to get late for their classes because of this situation. Everyone leaves their place on time and make it to college on time as well but because everyone is supposed to look for a parking spot before they can get to class, they get late eventually for their lectures. This app will solve this major problem of all the students as well as that of the college staff. This application will give everyone a flexibility and feasibility and would make it a lot easier for everyone to get to college.

Some of the main features of this application are:

- Easily find a parking spot in the college area
- Real time updates of the parking spots
- Online payment available for new person coming to park the car in the campus
- Reduced efforts of everyone trying to find a parking spot
- On time parking spot locations available

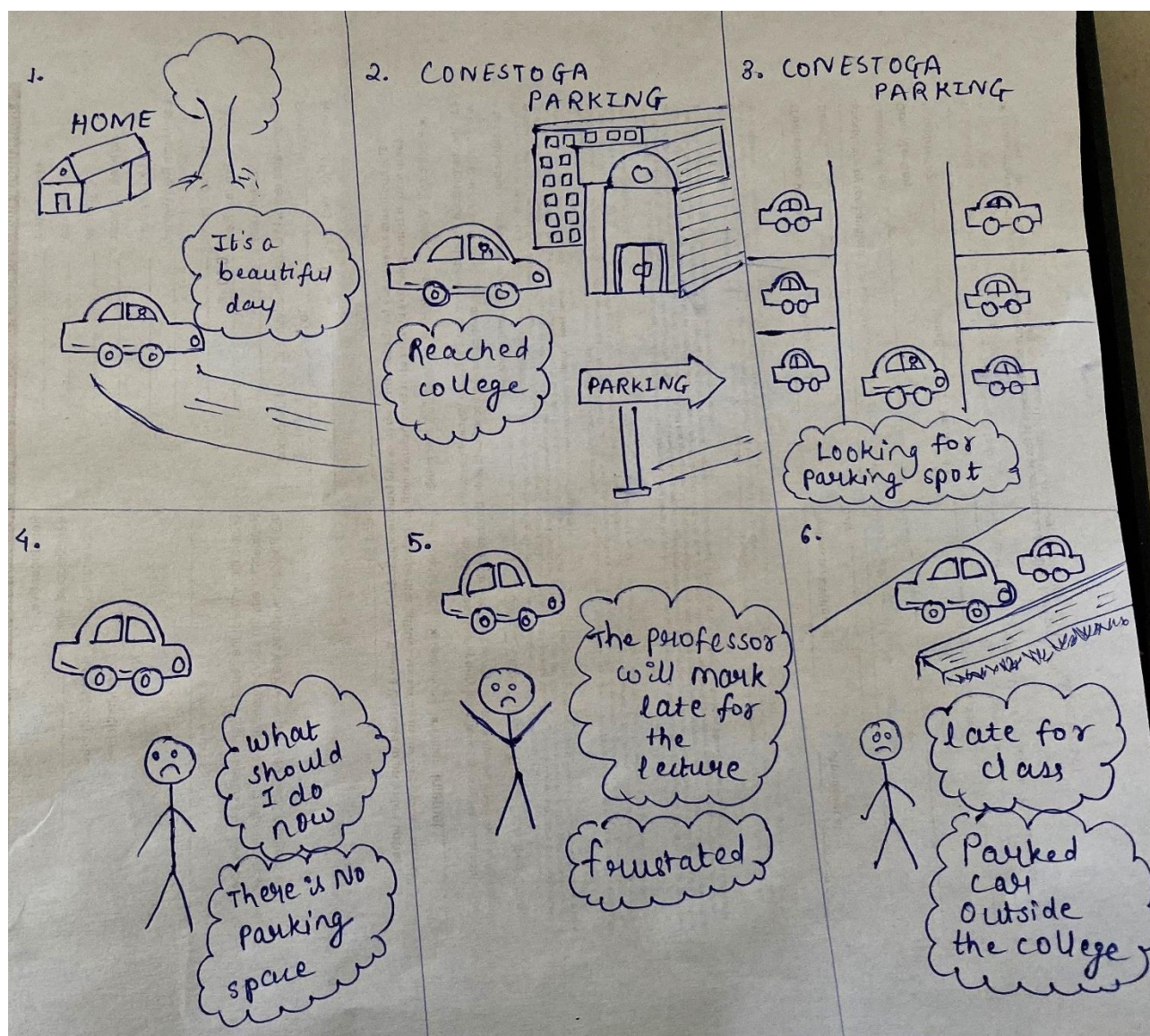
In conclusion, this application will make it very easy, simple and flexible for all the students, staff to park their cars easily and will eliminate the chance of everyone getting late for their classes or work by making the application very convenient to use for everyone.

STORYBOARD

Storyboard before

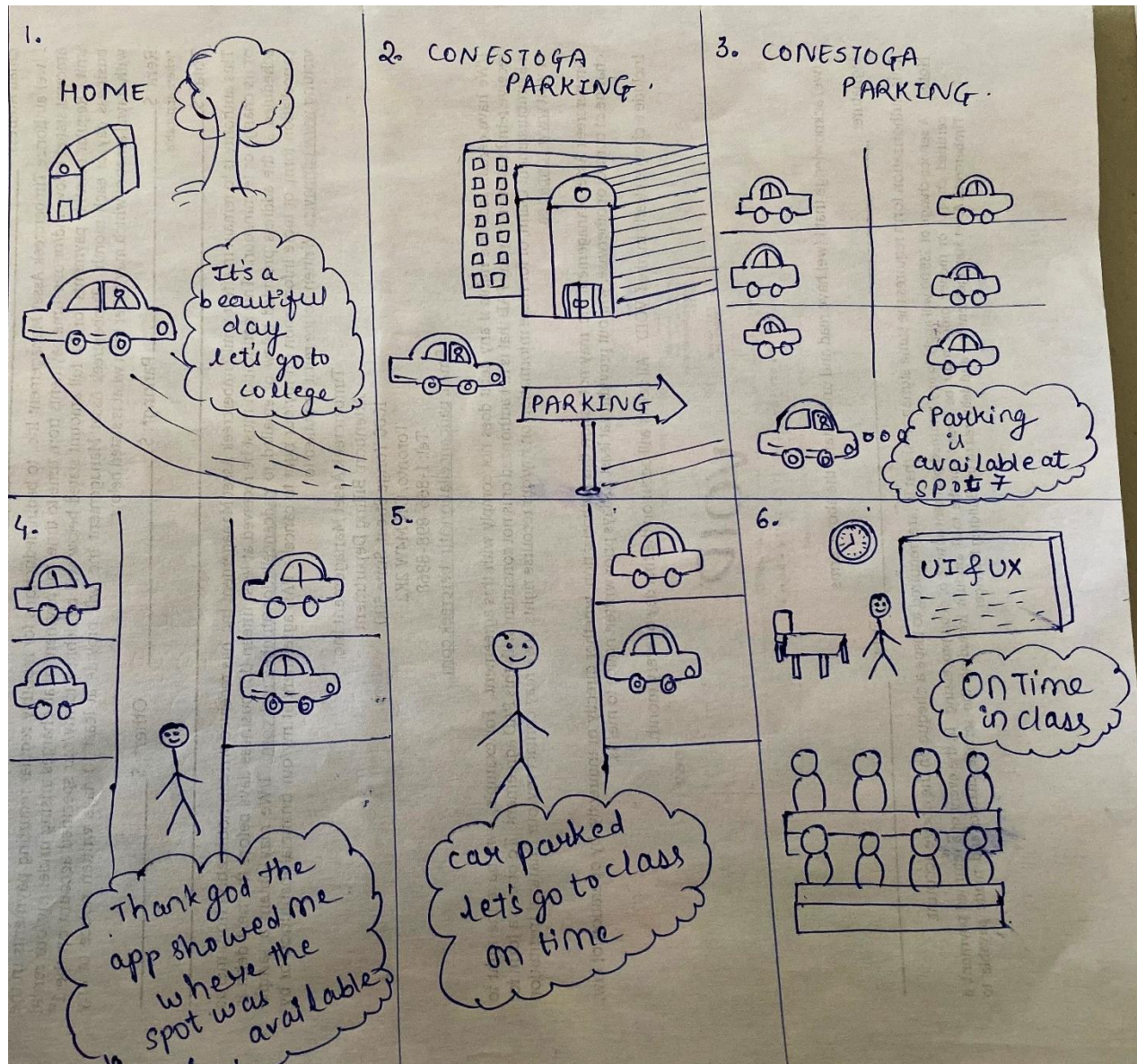
No parking space available and no idea as to where to park the car which eventually leads students to get late for their class.

For this example, we are considering students coming to college in the morning by their car and looking for parking space available in the campus area.



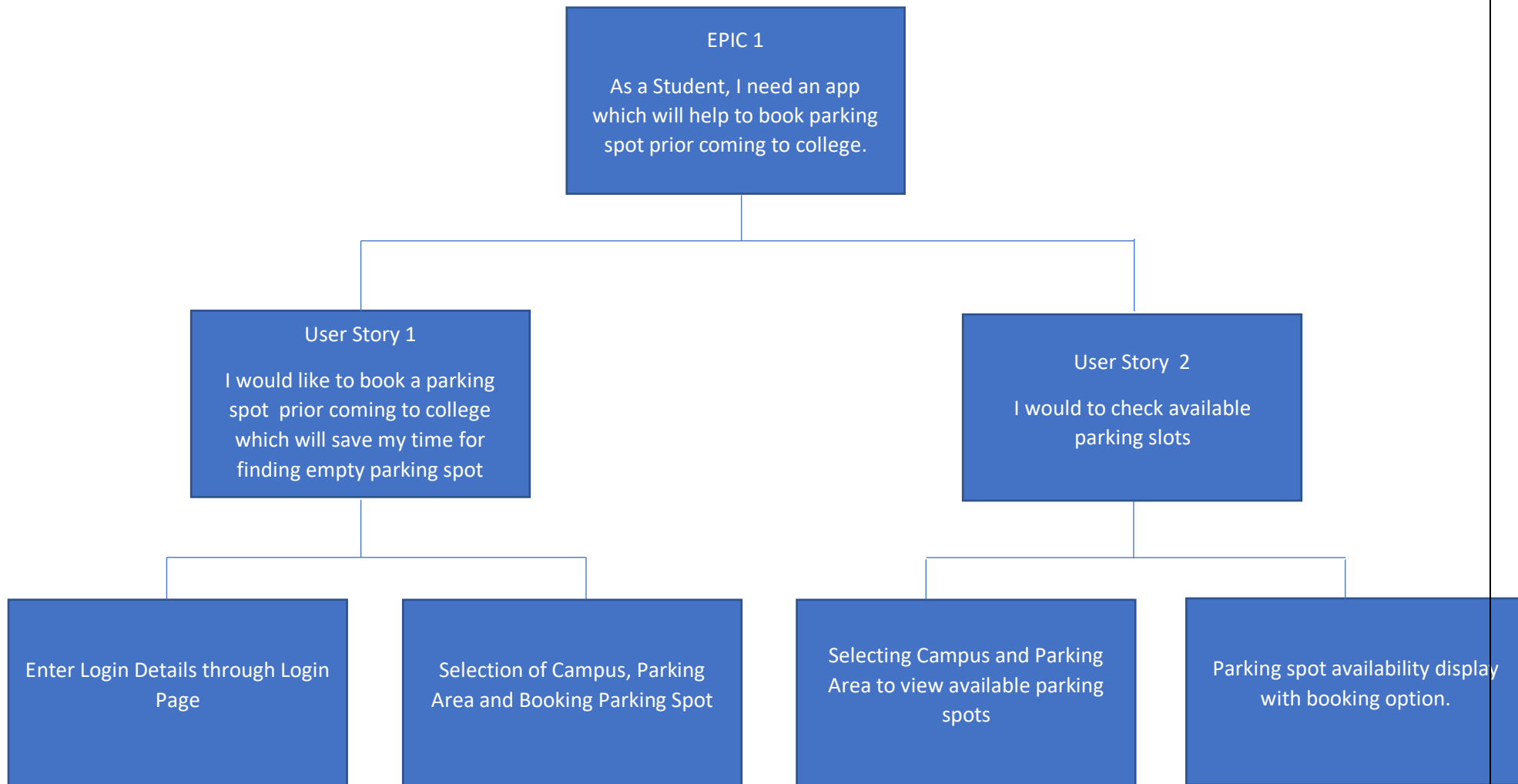
Storyboard After

After getting update on the application for the parking spots the parking can be done easily without getting late or without any difficulties. The details of which spot is available because of the real time update and students can directly park their car at the available spot without any delay.

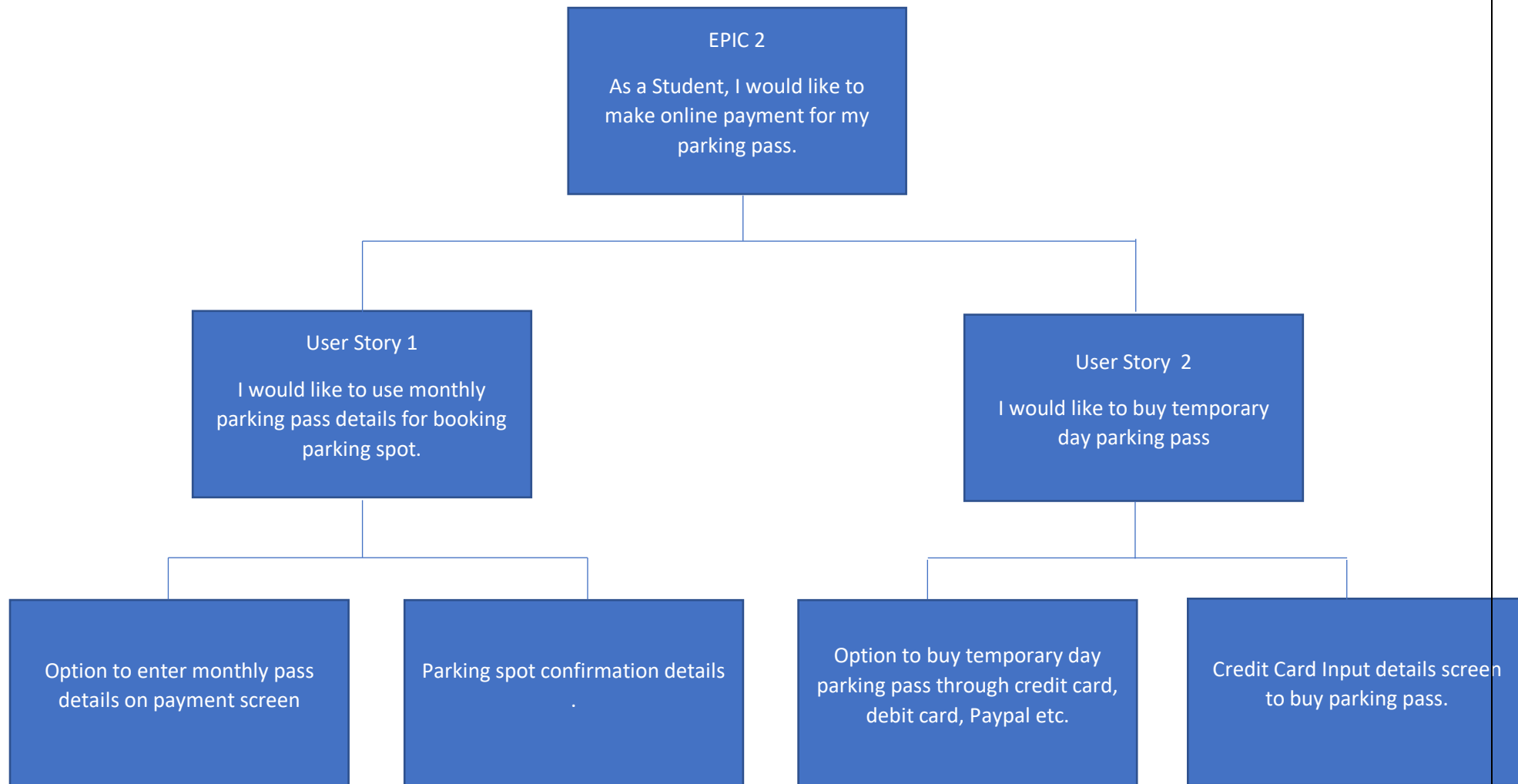


EPICS

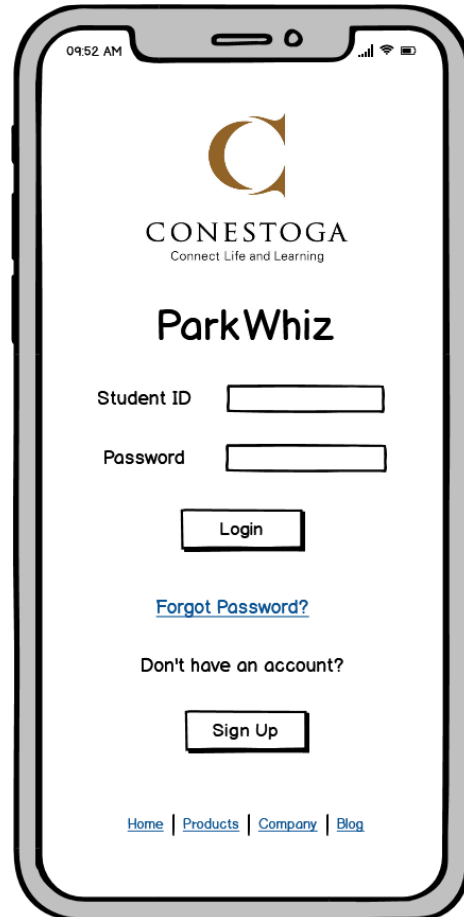
EPIC 1

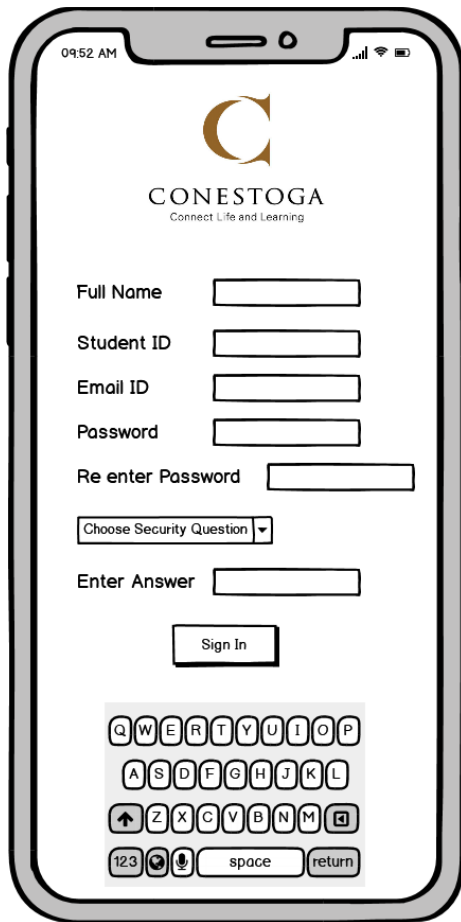


EPIC 2




WIREFRAME





09:52 AM


CONESTOGA
Connect Life and Learning

Full Name

Student ID

Email ID

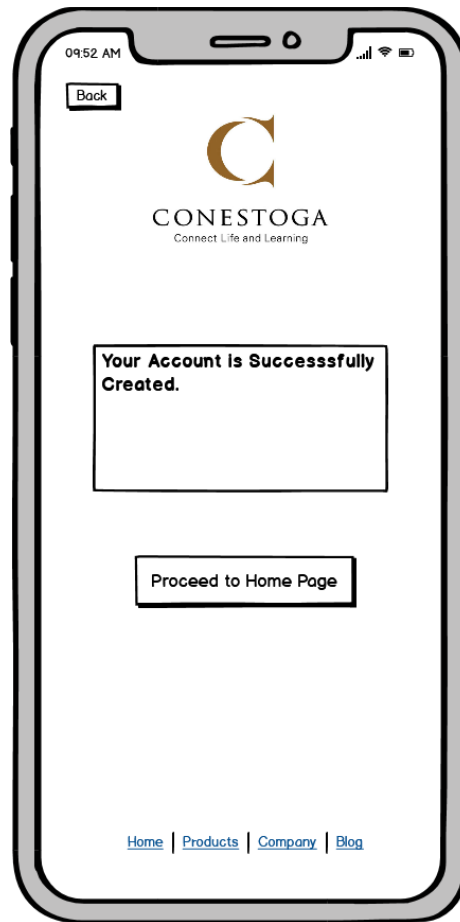
Password

Re enter Password


Choose Security Question ▼

Enter Answer

Q W E R T Y U I O P
A S D F G H J K L
↑ Z X C V B N M ↵
123 🔊 🎤 space return



09:52 AM



CONESTOGA
Connect Life and Learning

Your Account is Successfully Created.

[Home](#) | [Products](#) | [Company](#) | [Blog](#)

09:52 AM

Back



CONESTOGA
Connect Life and Learning

Student ID

Select Security Question ▼

Enter Answer

Password


Re enter Password

Login

Q W E R T Y U I O P
A S D F G H J K L
↑ Z X C V B N M ↵
123 🔊 🔍 space return

09:52 AM

Back Home



CONESTOGA
Connect Life and Learning

Select Campus

Doon Campus

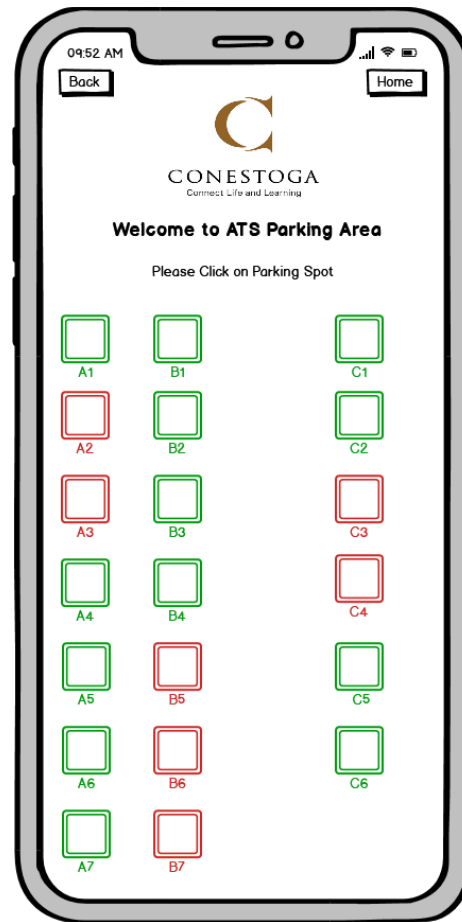
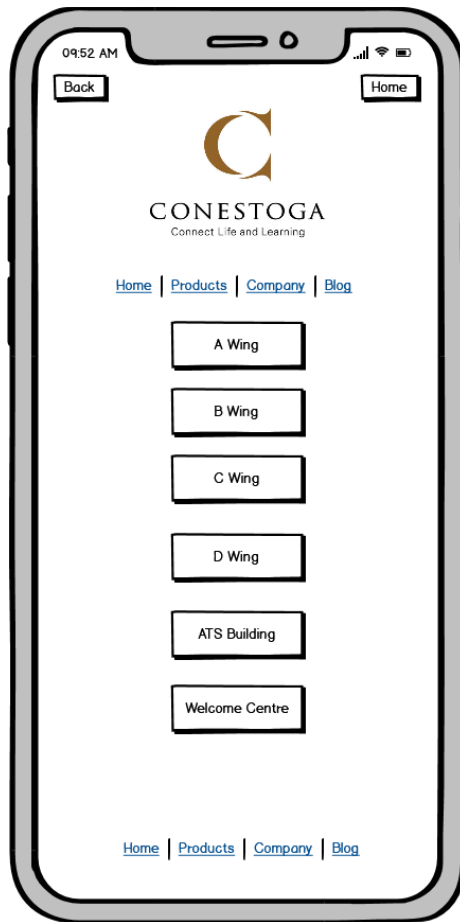
Cambridge

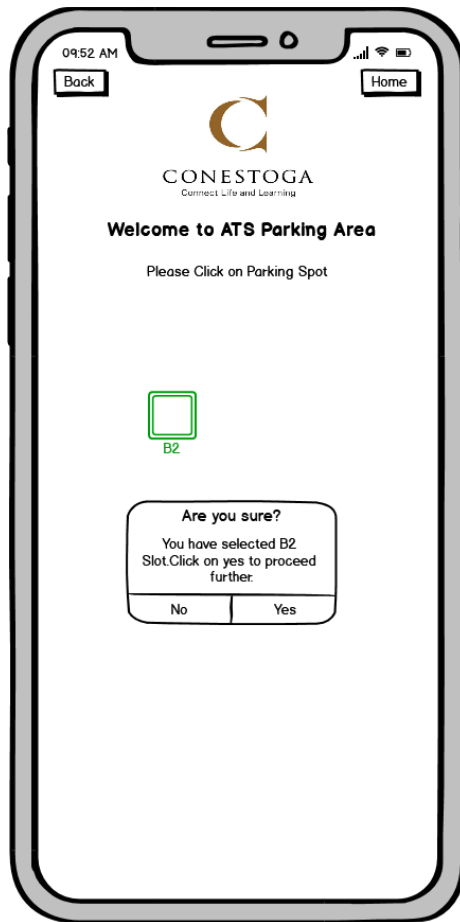
Kitchener

Waterloo

Brantford

[Home](#) | [Products](#) | [Company](#) | [Blog](#)





09:52 AM

Back Home

C
CONESTOGA
Connect Life and Learning

Select Payment Method

Credit Card

Debit Card

Pay Pal

INT RAC

[Home](#) | [Products](#) | [Company](#) | [Blog](#)

09:52 AM

Back Home

C
CONESTOGA
Connect Life and Learning

Enter Credit Card Details

Credit Card Name

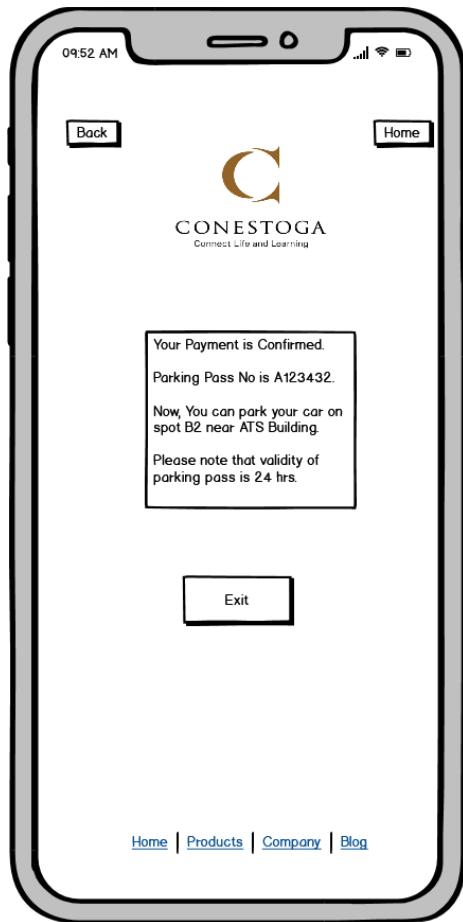
Credit Card No

Expiry Date (MM/YY)

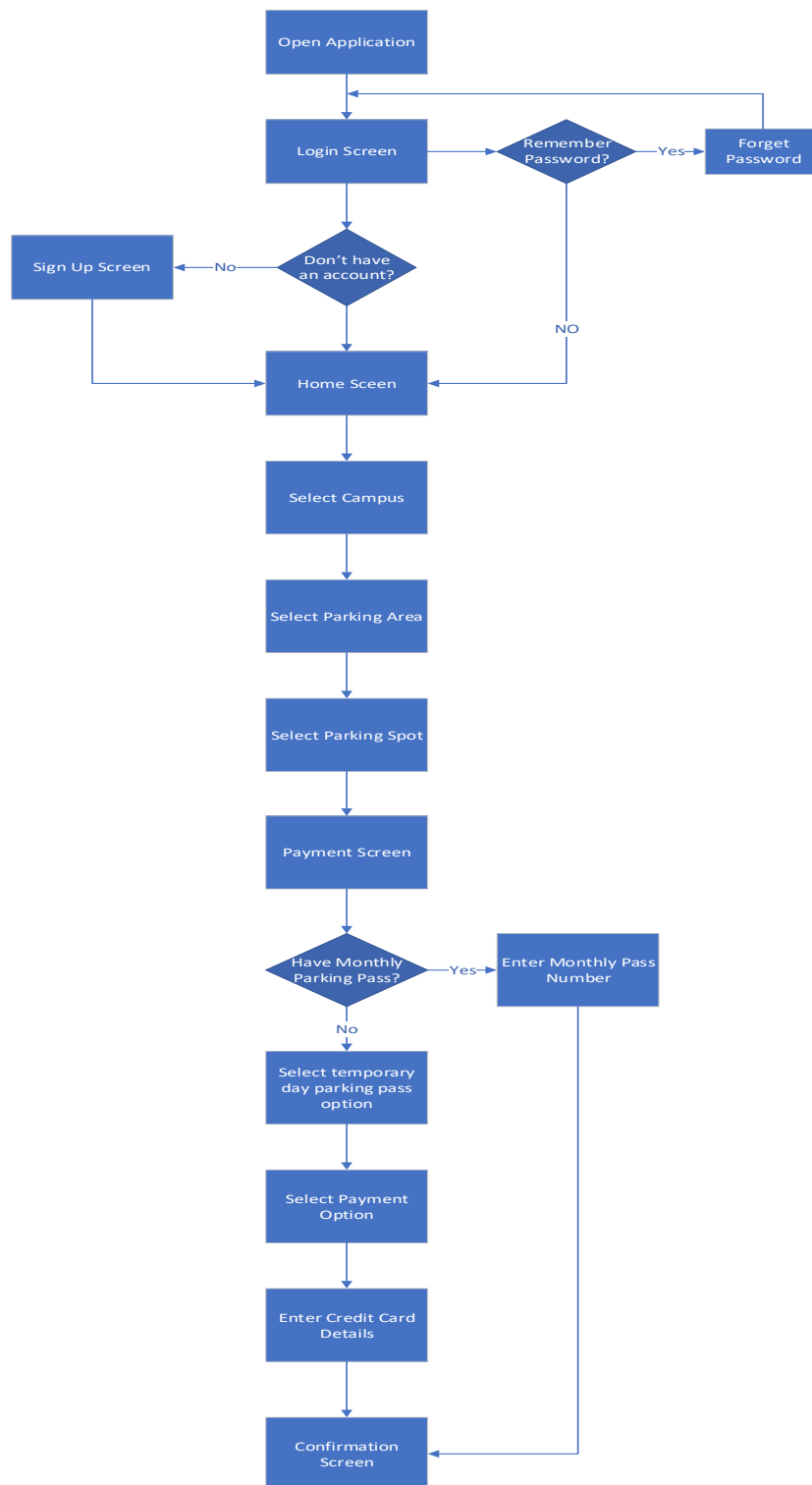
CVV

Postal Code

Q W E R T Y U I O P
A S D F G H J K L
↑ Z X C V B N M ↵
123 🔍 🗨 space return



SITE MAP



Functional Documentation

1.Login Screen:



#	OBJECT TYPE	DEFAULT TEXT	FUNCTION[BEHAVIOUR]	COMMENTS
1	Text Input	[NULL]	Click/Touch --> Give Focus	Students will type in the Student ID. Validate the Student ID as it should be in the format of number.
2	Text Input	[NULL]	Click/Touch --> Give Focus	Users will type in the password.
3	Link	Forgot Password	Click/Touch	Direct to a page/screen for resetting the password.
4	Button	Login	Click/Touch	Login into the application if the Student ID and Password matches from the database.
5	Button	Sign Up	Click/Touch	To register a new student direct to a page/Screen for signing up to the application.

2. Sign Up Screen:

09:52 AM

CONESTOGA
Connect Life and Learning

Full Name

Student ID

Email ID

Password

Re enter Password

Choose Security Question

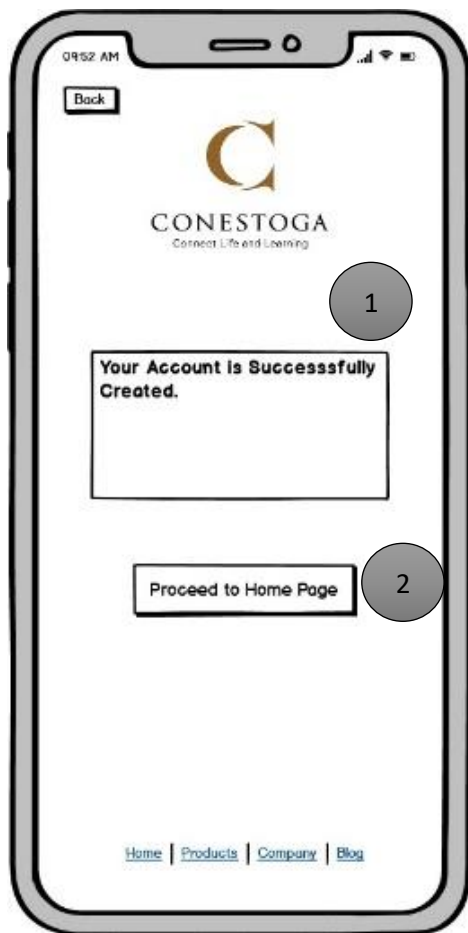
Enter Answer

Sign In

Q W E R T Y U I O P
A S D F G H J K L
↑ Z X C V B N M ↓
123 ↻ ↵ space return

#	OBJECT TYPE	DEFAULT TEXT	FUNCTION[BEHAVIOUR]	COMMENTS
1	Text Input	[NULL]	Click/Touch --> Give Focus	Users will type in the full name.
2	Text Input	[NULL]	Click/Touch --> Give Focus	Students will type in the Student ID. Validate the Student ID as it should be in the format of number.
3	Text Input	[NULL]	Click/Touch --> Give Focus	Users will type in the password.
4	Text Input	[NULL]	Click/Touch --> Give Focus	Here the Users will enter the password which they want to set.
5	Text Input	[NULL]	Click/Touch --> Give Focus	Here the users will enter the same password again and try to validate it from above entered password
6	Combo Box	Security Question	Click/Touch --> Select the question from the drop-down list	Users will select from drop down list the security question which they have selected during sign up process.
7	Text Input	[NULL]	Click/Touch --> Give Focus	Here the users will type in the security answer which they have put during the signup process.
8	Button	Sign In	Click/Touch	This button will create your profile and the account which can save it into the database

3.Account Successfully Created Screen:



#	OBJECT TYPE	DEFAULT TEXT	FUNCTION[BEHAVIOUR]	COMMENTS
1	Text Area	[null]	none	This text area will show you that your account is successfully created.
2	Text Area	[null]	none	This text area will show you that you can proceed to home page.

4.Password Reset Screen

09:52 AM

Back

1

2

CONESTOGA
Connect Life and Learning

Student ID

3

Select Security Question

4

Enter Answer

5

Password

Re enter Password

7

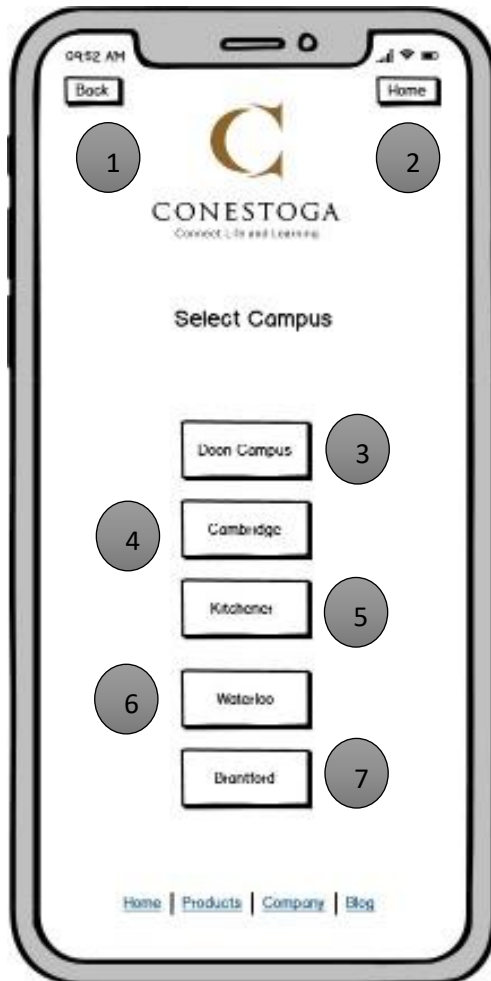
Login

6

Q W E R T Y U I O P
A S D F G H J K L
↑ Z X C V B N M ↵
123 ⌂ 🔍 space return

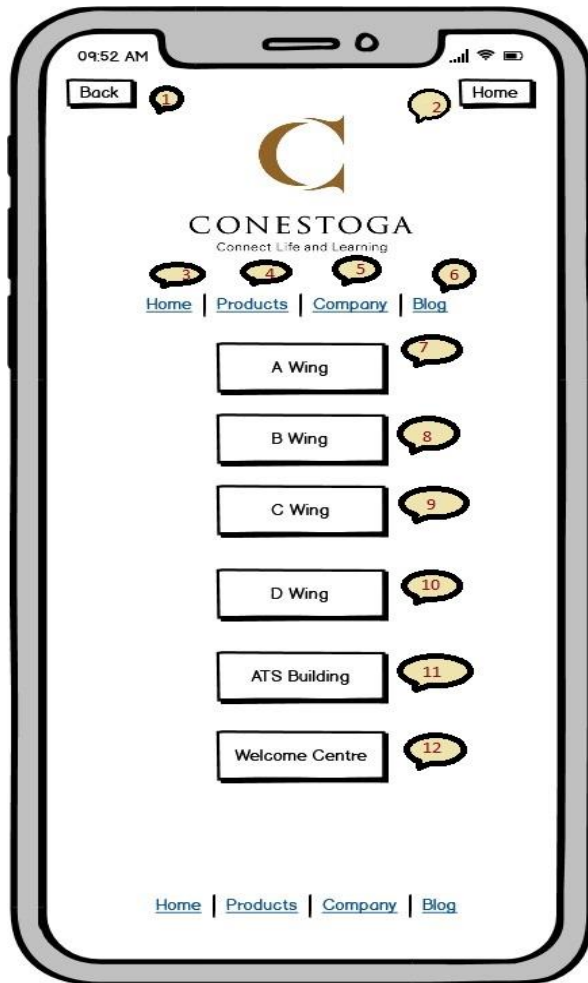
#	OBJECT TYPE	DEFAULT TEXT	FUNCTION[BEHAVIOUR]	COMMENTS
1	Icon	[NULL]	click/Touch	The Back Icon will redirect you to the login page.
2	Text Input	[NULL]	click/Touch --> Give Focus	Students will type in the Student ID. Validate the Student ID as it should be in the format of number.
3	Combo Box	Security Question	Click/Touch --> Drop Down List	User will select the security question which they want to set and can remember from the drop down list.
4	Text Input	[NULL]	click/Touch --> Give Focus	User will enter the security answer according to the selected security question
5	Text Input	[NULL]	Click/Touch --> Give Focus	Here the Users will enter the password which they want to set.
6	Text Input	[NULL]	Click/Touch --> Give Focus	Here the users will enter the same password again and try to validate it from above entered password.
7	Button	Login	Click/Touch	This button will log you into your profile.

5. Select Campus Screen:



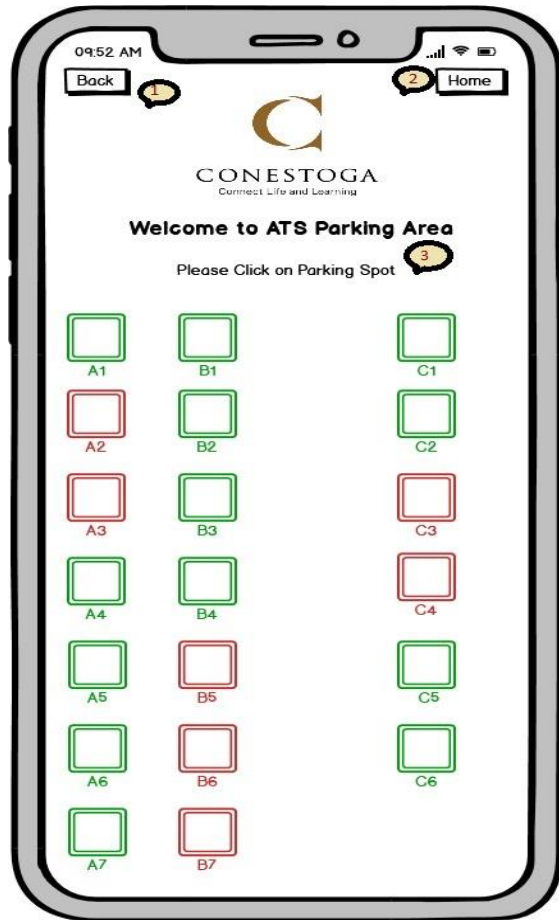
#	OBJECT TYPE	DEFAULT TEXT	FUNCTION[BEHAVIOUR]	COMMENTS
1	Icon	[NULL]	click/Touch	The Home Icon will redirect you to the Home page.
2	Icon	[NULL]	click/Touch	The Home Icon will redirect you to the Home page.
3	Button	Doon Campus	Click/Touch	This Button enables you to select the doon campus.
4	Button	Cambridge	Click/Touch	This Button enables you to select the Cambridge campus.
5	Button	Kitchener	Click/Touch	This Button enables you to select the Kitchener campus.
6	Button	Waterloo	Click/Touch	This Button enables you to select the Waterloo campus.
7	Button	Brantford	Click/Touch	This Button enables you to select the Brantford campus.

6. Select parking Area Screen:



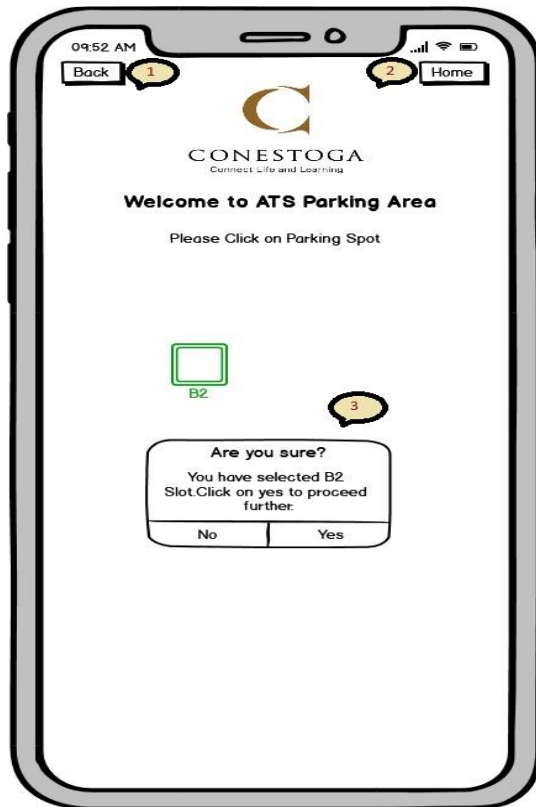
#	OBJECT TYPE	DEFAULT TEXT	FUNCTIONAL (BEHAVIOUR)	COMMENTS
1	Button	Back	Click/Touch	Click on the button if you want to go back and change your selection.
2	Button	Home	Click/Touch	Click on the button if you want to go back directly to the home page.
3	Link	Home	Click/Touch	Click on this link if you want to go the home page of the college.
4	Link	Products	Click/Touch	Click on this link if you want to go the products page and have a look at all the products associated with the college.
5	Link	Company	Click/Touch	Click on the link if you want to go the company page and have a look at the whole company linked with the college processes.
6	Link	Blogs	Click/Touch	Click on this link to follow and keep a track of the blogs related to the college.
7	Button	A Wing	Click/Touch	This button will redirect to the page showing all the parking spots available in the A wing area.
8	Button	B Wing	Click/Touch	This button will redirect to the page showing all the parking spots available in the B wing area.
9	Button	C Wing	Click/Touch	This button will redirect to the page showing all the parking spots available in the C wing area.
10	Button	D Wing	Click/Touch	This button will redirect to the page showing all the parking spots available in the D wing area.
11	Button	ATS Building	Click/Touch	This button will redirect to the page showing all the parking spots available in the ATS Building area.
12	Button	Welcome Center	Click/Touch	This button will redirect to the page showing all the parking spots available in the Welcome center area.

7. Welcome to parking area screen:



#	OBJECT TYPE	DEFAULT TEXT	FUNCTIONAL (BEHAVIOUR)	COMMENTS
1	Button	Back	Click/Touch	Click on the button if you want to go back and change your selection.
2	Button	Home	Click/Touch	Click on the button if you want to go back directly to the home page.
3	Button	[NULL]	Click/Touch	User will have to click on any of the button which is in display to select the parking spot in the selected area.

8. Please click on parking spot screen :



#	OBJECT TYPE	DEFAULT TEXT	FUNCTIONAL (BEHAVIOUR)	COMMENTS
1	Button	Back	Click/Touch	Click on the button if you want to go back and change your selection.
2	Button	Home	Click/Touch	Click on the button if you want to go back directly to the home page.
3	Button	No/Yes	Click/Touch	User will have to click on any of the button in the tab to make their selection if user selects yes the parking slot will be selected and if user selects no then they will be redirected to the back page.

9. Enter Pass Number Screen:



#	OBJECT TYPE	DEFAULT TEXT	FUNCTIONAL (BEHAVIOUR)	COMMENTS
1	Button	Back	Click/Touch	Click on the button if you want to go back and change your selection.
2	Button	Home	Click/Touch	Click on the button if you want to go back directly to the home page.
3	Text Input	[Null]	Click/Touch → Give Focus	User will have to enter the parking pass number if they are already provided with the parking pass.
4	Link	Click here to buy parking pass for \$5	Click/Touch	User will have to click on this link if they don't have a parking pass available with them and would have to make purchase for which they will be redirected to the make a payment page.
5	Button	Submit	Click/Touch	After inputting the parking pass number the user will have to submit the pass number.

10. Select a payment method screen:

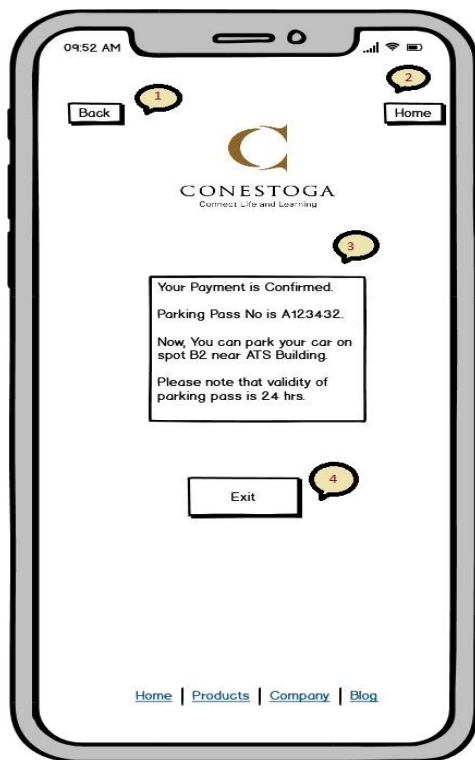


#	OBJECT TYPE	DEFAULT TEXT	FUNCTIONAL (BEHAVIOUR)	COMMENTS
1	Button	Back	Click/Touch	Click on the button if you want to go back and change your selection.
2	Button	Home	Click/Touch	Click on the button if you want to go back directly to the home page.
3	Button	Credit Card	Click/Touch	User will have to click on this button if the user wants to make a payment through the credit card.
4	Button	Debit Card	Click/Touch	User will have to click on this button if the user wants to make a payment through the debit card.
5	Button	Pay Pal	Click/Touch	User will have to click on this button if the user wants to make a payment through the pay pal account.
6	Button	INT RAC	Click/Touch	User will have to click on this button if the user wants to make a payment through the INT RAC account.

11. Enter Card Details Screen

#	OBJECT TYPE	DEFAULT TEXT	FUNCTIONAL (BEHAVIOUR)	COMMENTS
1	Button	Back	Click/Touch	Click on the button if you want to go back and change your selection.
2	Button	Home	Click/Touch	Click on the button if you want to go back directly to the home page.
3	Text Input	Null	Click/Touch → Give Focus	Here the user will have to enter the selected card's name details.
4	Text Input	Null	Click/Touch → Give Focus	Here the user will have to enter the selected card's number details.
5	Text Input	Null	Click/Touch → Give Focus	Here the user will have to enter the expiry date of the card.
6	Text Input	Null	Click/Touch → Give Focus	Here the user will have to enter the CVV of the card.
7	Text Input	Null	Click/Touch → Give Focus	Here the user will have to enter their postal code details.

12. Payment Confirmed Screen



#	OBJECT TYPE	DEFAULT TEXT	FUNCTIONAL (BEHAVIOUR)	COMMENTS
1	Button	Back	Click/Touch	Click on the button if you want to go back and change your selection.
2	Button	Home	Click/Touch	Click on the button if you want to go back directly to the home page.
3	Text Area	[Null]	None	The text area will show the user that whether the payment is done successfully or not.
4	Button	Exit	Click/Touch	After making the payment successfully the user will have to click exit button to exit out of that screen.