



TRAIN SQUAD

Portfolio of Coursework

Ubaid Hussain Zahidani
ec09302

Train Squad An Iphone Application

Train Squad design for real-time tube information system. It not only gives tube timings but also manage your journey

PRIMARY PERSONA



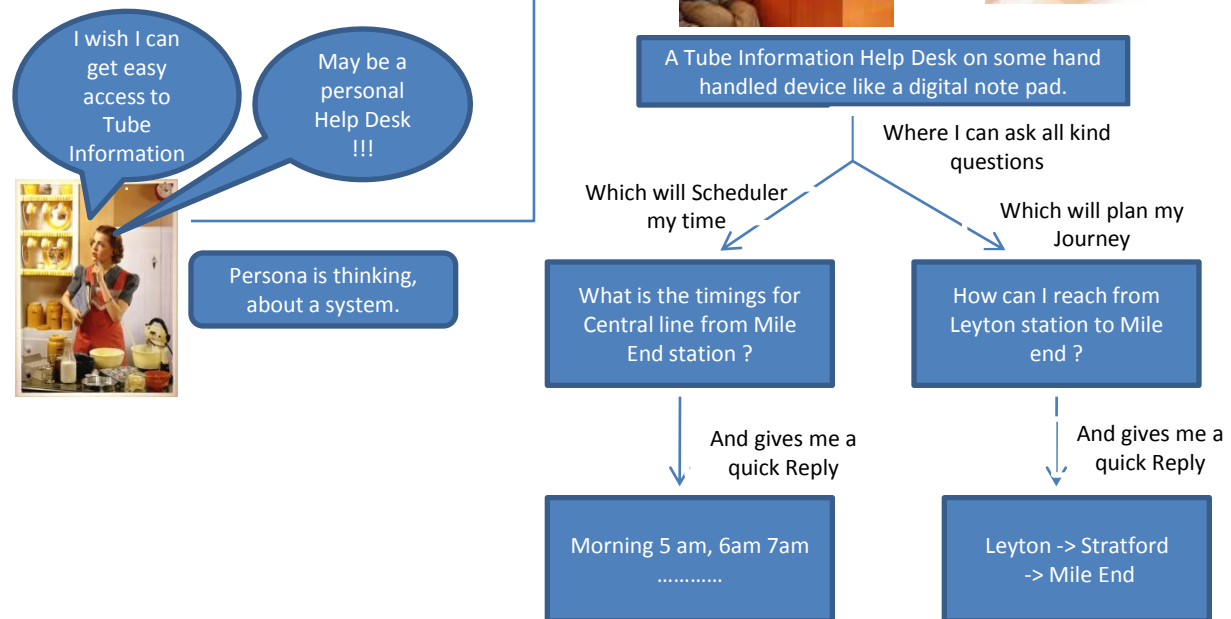
Name : Diana Wesley

Age : 36 years

Profession : Associate System Engineer

Details : She is a working women with two kids. She travels a lot both for business and pleasure. Her traveling is mostly restricted inside London and she uses London tubes a lot.

CONCEPTUAL MODEL

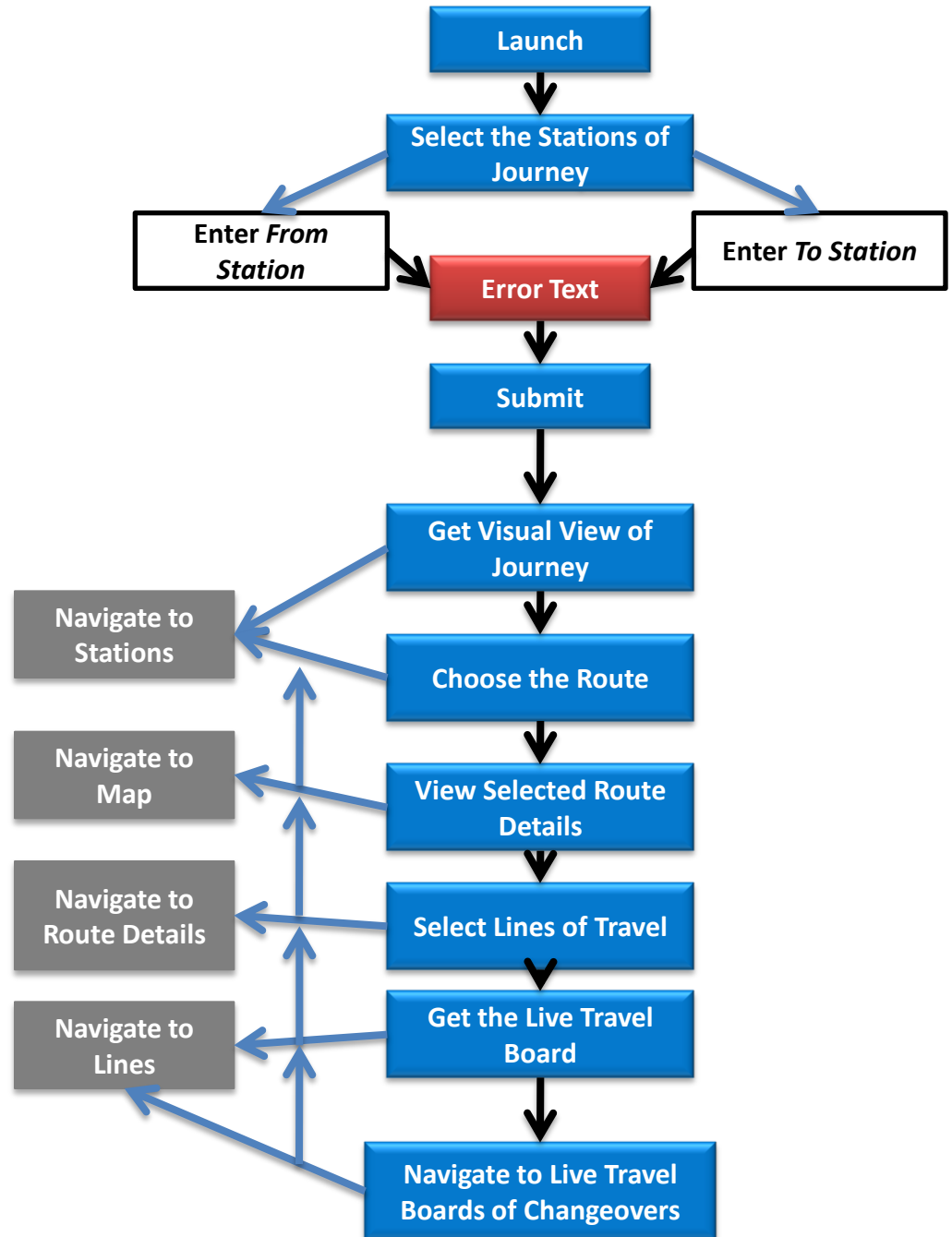


Diana often feels a need for tube information system, which can not only tell her about the timings but also guides her towards her journey. Along with the this, it could be easy to interact with him, like a personal help desk.

Wireframe

Based on Diana's needs we have developed a system to cater both her needs.

Information flow in our system is shown here.

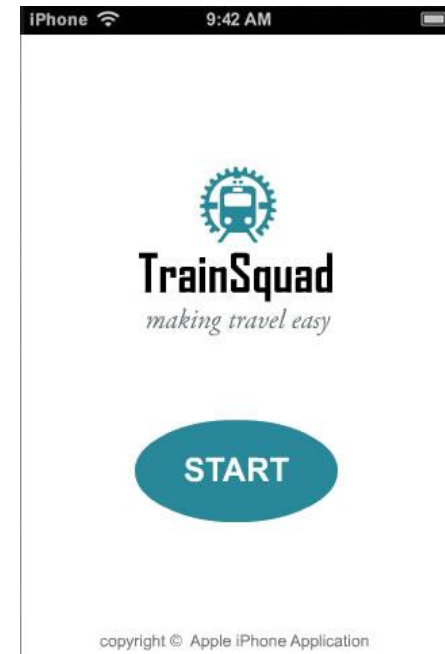


Low-Fidelity to High-Fidelity Prototype

Before building High-Fidelity prototype,

- First step towards prototyping involved designing a low-fidelity prototype.
- Did some tests on it and finally evolved to high-fidelity prototype.
- Now I am going to present the transition from low-fidelity prototype to high-fidelity prototype.

Evolution from Low-Fidelity to High-Fidelity Prototype



Stations Screen



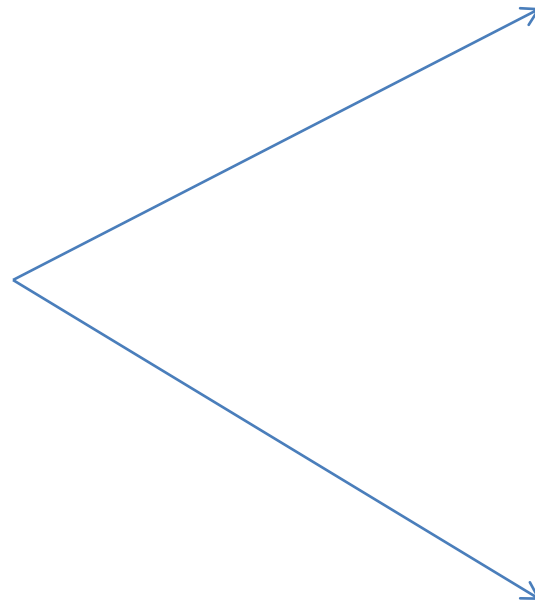
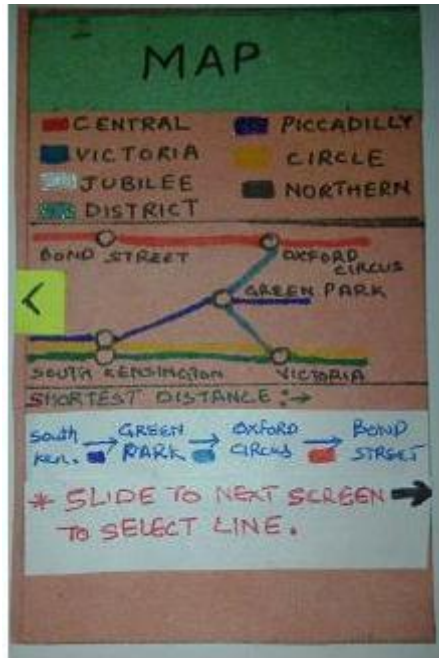
- ❖ Drop downs were removed.
- ❖ If any one of the station is not entered, a message to do so will be shown.

A digital prototype of the 'STATIONS' screen on an iPhone. The status bar shows 'iPhone', signal strength, and '9:42 AM'. The app title 'STATIONS' is in a teal header. The main title is 'Select your Station'. There are two text input fields labeled 'From' and 'To', each followed by a red asterisk. A teal 'SUBMIT' button is below the 'To' field. A red error message at the bottom states: '* Typing stations name is mandatory'.

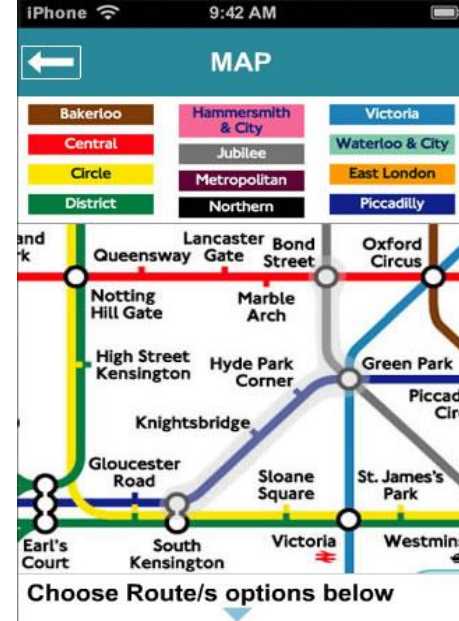
A digital prototype of the 'STATIONS' screen on an iPhone, showing error messages. The status bar shows 'iPhone', signal strength, and '9:42 AM'. The app title 'STATIONS' is in a teal header. The main title is 'Select your Station'. There are two text input fields labeled 'From' and 'To', each followed by a red asterisk. Below the 'From' field is a red error message: 'You must enter a start station.' Below the 'To' field is a red error message: 'You must enter a destination.' A teal 'SUBMIT' button is below the 'To' field. A red error message at the bottom states: '* Typing stations name is mandatory'.

A digital prototype of the 'STATIONS' screen on an iPhone, showing a search dropdown. The status bar shows 'iPhone', signal strength, and '9:42 AM'. The app title 'STATIONS' is in a teal header. The main title is 'Select your Station'. There is a text input field labeled 'From' with the text 'so|' entered, followed by a red asterisk. Below the input field is a dropdown menu showing two options: 'South Ealing' and 'South Kensington'. A keyboard is visible at the bottom of the screen.

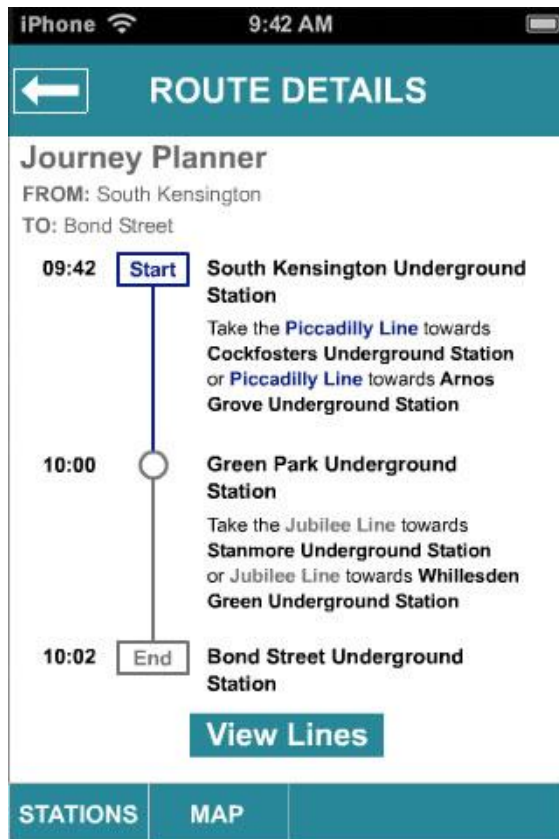
Map Screen



- ❖ Shortest distance was removed.
- ❖ In place of that, all possible routes were included. Along with their duration of traveling. Through which user can make out, which is the shortest distance.

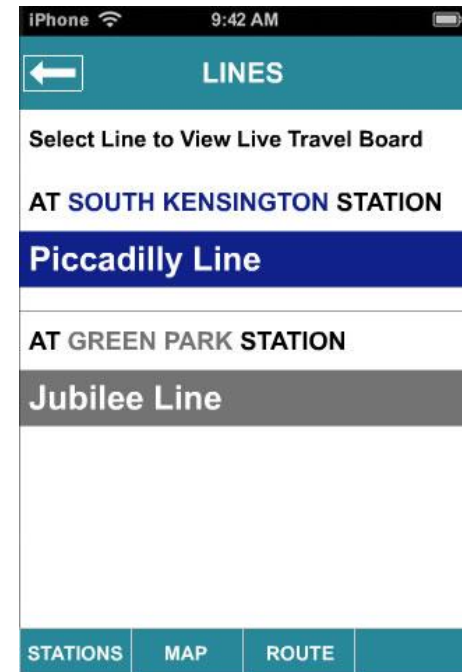
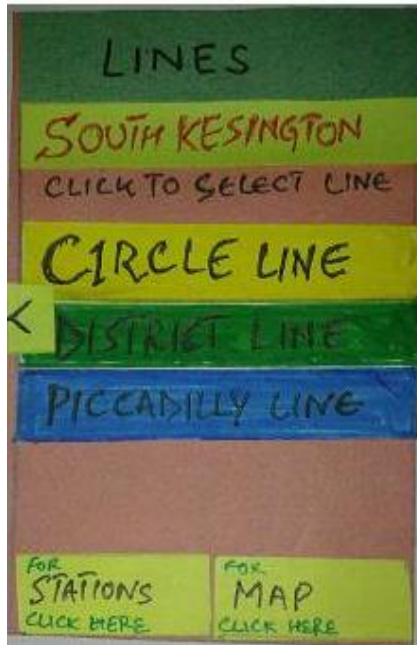


Journey Planner Screen



- ❖ New screen added to show route summary.
- ❖ This comes after selecting a specific route from MAP screen.

Lines Screen



- ❖ In low-fi prototype, lines going from the current station were shown.
- ❖ In hi-fi prototype the line particular to the path chosen by the user, in the previous screen, will be shown.
- ❖ Next line which he needs to take to continue his journey, is also shown in hi-fi prototype.

Live Travel Board Screen

LIVE TRAVEL BOARD

PICCADILLY LINE

SOUTH KENSINGTON

TIME	END STATION	MINS	PLT.
10:45	COCKFOSTERS	2	1
23:00	ARNOS GROVE	17	3

*SLIDE TO NEXT SCREEN TO VIEW PICCADILLY LINE MAP

FOR STATION	FOR MAP	FOR LINE
CLICK HERE	CLICK HERE	CLICK HERE

LINE MAP

CURRENT TIME 10:42 PM

SOUTH KENSINGTON

ARNOS GROVE 15 MIN

COCKFOSTERS 15 MIN

FOR STATION	FOR MAP	FOR LINE	FOR BOARD
CLICK HERE	CLICK HERE	CLICK HERE	CLICK HERE

iPhone 9:42 AM

LIVE TRAVEL BOARD

Piccadilly Line

SOUTH KENSINGTON

CURRENT TIME 09:42 AM

TIME	END STATION	MINS	PLATFARM
09:45	Cockfosters	3	4
10:00	Arnos Grove	18	4

LINE MAP

South Kensington

Knightsbridge

Hyde Park Corner

Green Park

Arnos Grove

Cockfosters

STATIONS	MAP	ROUTE	LINES
----------	-----	-------	-------

- ❖ Two screen have been merged into one to display more information within less navigational screens, and verily accepted through user testing.

THANK YOU

UBAID HUSSAIN ZAHIDANI

EC09302 AT QMUL DOT AC DOT UK

ER DOT UBAIDHZ AT HOTMAIL DOT CO DOT UK