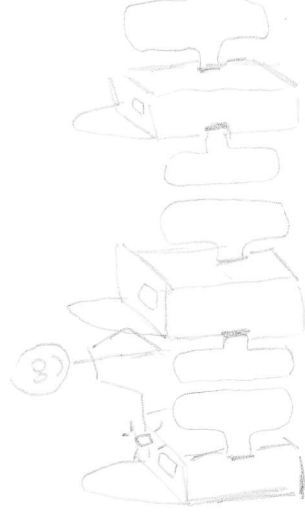
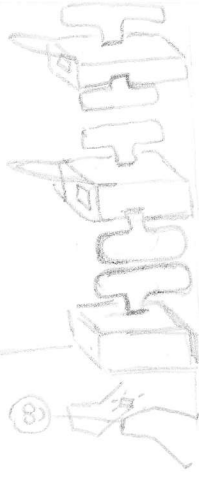
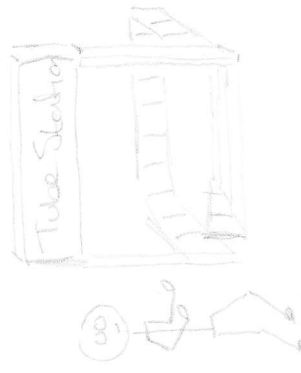


Concept Making a Journey

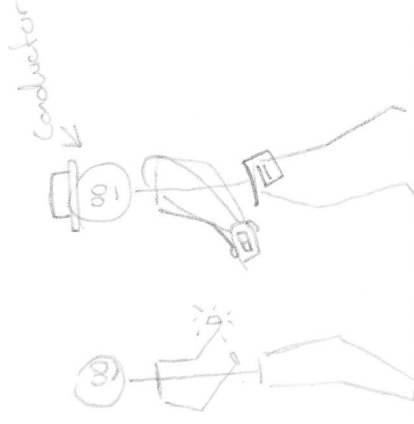
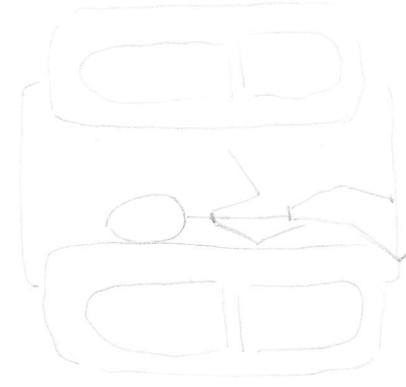
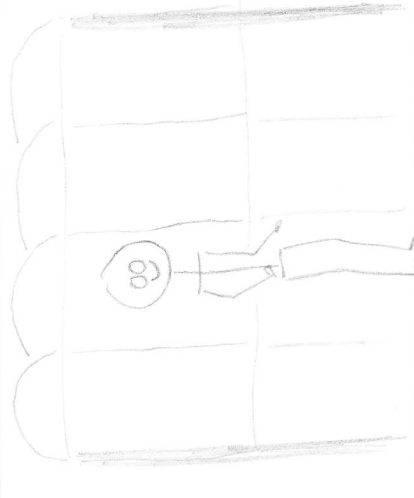


The user already has their token and money on it. Token may be a card, paper ticket in some cases, mobile phone etc.

User swipes their token to get onto the station and travel - Getting the start of the journey.

Traveling to their destination. The user scans both at the start and end of the journey.

User swiping out using their token, they are at their destination. This is where they will be charged. There will be a check to make sure they got the best deal.

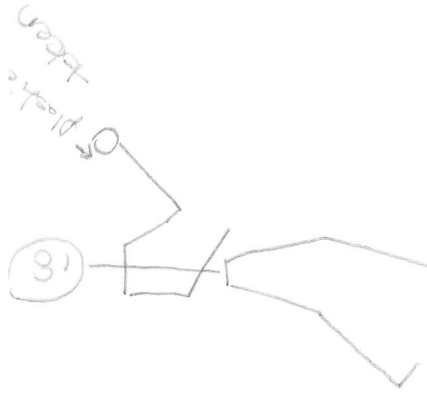
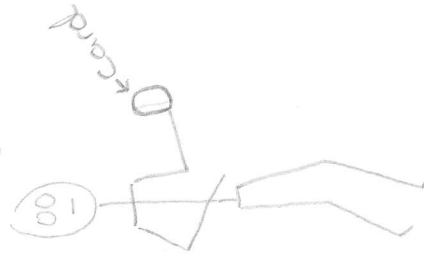
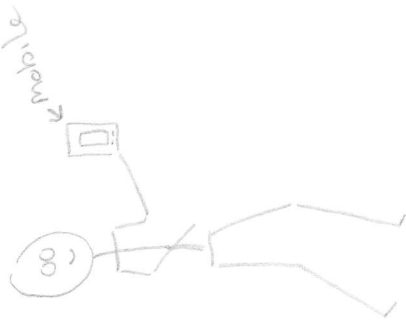


The user can get on a bus or train etc. The start of the journey will probably be set by the driver/conductor.

The journey destination could be set by the conductor/driver when the user scans their token, the user could set the destination or

The user leaves the transport with out having to scan again.

Concept Making a Journey



The system could be designed to accept such as a mobile phone, card, paper ticket, wrist band, plastic token etc.

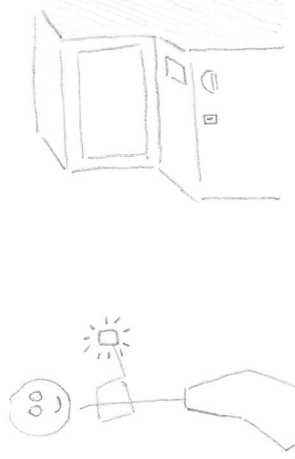
future applications such as iris scanners and fingerprint scanners could also be implemented



The system can cope with different methods of token and scanning such as

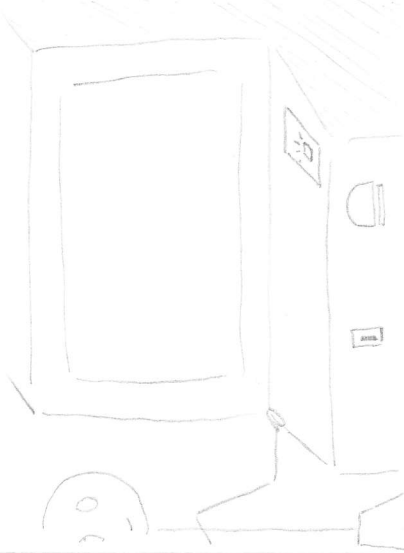
- 1 Just scanning at the start of a journey without receiving a destination; 2 Scanning at the start and end of a journey; 3 Scanning at the start of a journey and receiving a destination without having to scan at the end of a journey

Concept adding



The user already has their token and would like to update their balance, they find a terminal terminals may be found using an app or the online system. They will also be placed in connected areas

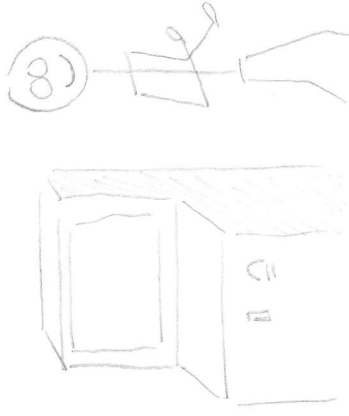
Money to balance



The user follows on screen prompts and scans their token, the token is then processed and the user can add money



The user adds money and can see their balance once they have added enough they can exit and leave.



The user can now go and use their token or transfer



The user can also update their token balance whenever they want using a mobile app/website.



User can use devices to update their balance if they aren't near a terminal

Management Concept

Management system will allow backend users to update fares and check statistics of routes. A manager may want to look at all the current routes, find out what transport is being used on what route e.g. bus 1, 5 and 7 are all being used on the red route.

They may be able to use it to update routes, what transport is used on what route, number of e.g. busses being used on a route. Management may want to update prices of tickets.

Check Statistics and profits e.g. how much money is made on a route and the profit on a route.

Route Statistics

Could bring up results by selecting a route or transport

options will depend on what is selected

overall reports of the route could be made

Select transport v

Bus

Tram

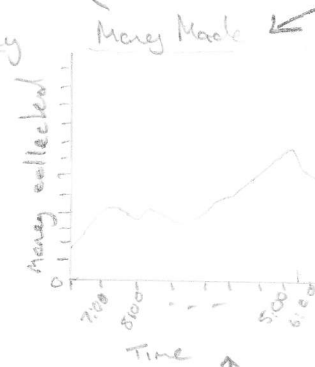
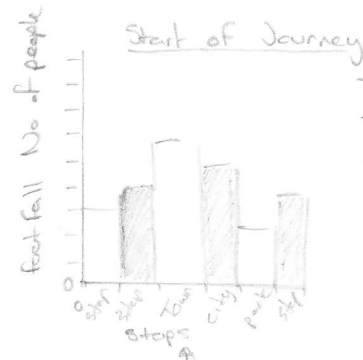
Train

Ferry

Select Route v

Route Name

Route Name



link to similar statistics

link to similar statistics

print Report

Recording information such as who travels at what times e.g. students, senior citizens, recording footfall at certain times. Showing the most popular routes and stops so changes can be made to improve and expand e.g. more buses more frequent

Transport

Some possible Filters allowing information to be found easily and quickly

Filter Search

Transport type v

Route v

Company v

Transport type	ID	current Rate	company
Bus	001	Cities	first
Bus	001	senior	stage coach
Tram	0200	Blue	stage coach
Train	1B7	Sheffield to Barnsley	North rail
Ferry	3PQ	senior	water coach

Edit/Add transport

graphs showing useful information allowing managers to make informed decisions

selecting graphs takes time to make graphs and statistics

edit

edit

possible options to edit add transport

Fares

Filter

Transport ☒

Zone ☒

Ticket Name	stop	zone	cost	Active time	usage limit
single	12	1	\$1.50	1 hour	1
Return	ALL	ALL	\$3.90	All Day	2
day rider	ALL	ALL	\$4.50	All Day	ALL
etc.	etc.	etc.	etc.	etc.	etc.

ADD

edit / add Fares

edit

edit

edit

edit

↑ This can
link to
another
or have
edit b
next to
then in the
table.

Filtering
to allow
information
to be
found
quicker