**UI Storyboard**

Viewing timetable (for Monday-Friday)

When the console is running, the main menu loads where the user enters numbers 1 to 3 which selects one of the options.

**Main menu:**

--- Java Console Based Railway Timetable ---

1 – View Timetable

2 – Filter Timetable

3 - Quit

Please input a number to proceed:

Pleased input a number to proceed:

1

-- Select Timetable --

1 – Monday – Friday

2 – Saturday

3 - Sunday

When the user selects what type of timetable they want displayed, another sub menu is shown which gives the user an option to view the timetable from Liverpool or from Blackpool.

Pleased input a number to proceed:

1

1 – From Liverpool

2 – From Blackpool

Once the user enters 1, the timetable displays times from Liverpool.

1

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Monday – Friday

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Liverpool Lime Street 0510 0616

Edge Hill 0514 0620

Wavertree Technology Park - 0622

Broad Green - 0625

Roby - 0628

Huyton 0519 0631

Prescot - 0635

Eccleston Park - 0637

At the bottom of the timetable display, it shows that it is the first page of six pages. There are also two options. If the user enters 2, it takes the user to the next page. If the user selects three it takes you to the main menu.

Scroll down to bottom of the page

Page 1 of 6

2 - Next page

3 - Return to menu

Page 1 of 6

2 – Next Page

3 – Return to Menu

2

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Monday - Friday

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Liverpool Lime Street 0836 0915

Edge Hill - 0919

Technology Park - 0921

Broad Green - 0924

Roby - 0927

**Main menu:**

--- Java Console Based Railway Timetable ---

1 – View Timetable

2 – Filter Timetable

3 - Quit

Please input a number to proceed:

This is at the bottom of the console.

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1 – Previous Page

2 – Next Page

3 – Return to menu

2

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Monday – Saturday Reversed

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Blackpool North - 0603

Poulton-le-Fylde - 0608

Kirkham & Wesham - 0617

Preston (Lancs) - 0629

Leyland - 0634

Euxton Balshaw Lane - 0638

Wigan North Western 0621 0647

Bryn 0627 -

Back at the sub menu for direction, if the user selects the second option, it will show the timetable for the opposite direction.

Pleased input a number to proceed:

1

1 – From Liverpool

2 – From Blackpool

Viewing timetable (for Saturday)

**Main menu:**

--- Java Console Based Railway Timetable ---

1 – View Timetable

2 – Filter Timetable

3 - Quit

Please input a number to proceed:

Pleased input a number to proceed:

1

-- Select Timetable --

1 – Monday – Friday

2 – Saturday

3 - Sunday

Once the user selects 2, the timetable for Saturday is displayed.

Pleased input a number to proceed:

2

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Saturday

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Liverpool Lime Street 0510 0616

Edge Hill 0514 0620

Technology Park - 0622

Broad Green - 0625

Roby - 0628

Scroll down to bottom of the page

Page 1 of 6

2 - Next page

3 - Return to menu

Page 1 of 6

2 – Next Page

3 – Return to menu

Pleased input a number to proceed:

2

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Saturday

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Liverpool Lime Street 0836 0915

Edge Hill - 0919

Technology Park - 0921

Broad Green - 0924

Roby - 0927

**Main menu:**

--- Java Console Based Railway Timetable ---

1 – View Timetable

2 – Filter Timetable

3 - Quit

Please input a number to proceed:

This is at the bottom of the console.

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1 – Previous Page

2 – Next Page

3 – Return to menu

View timetable (for Sunday)

**Main menu:**

--- Java Console Based Railway Timetable ---

1 – View Timetable

2 – Filter Timetable

3 - Quit

Please input a number to proceed:

Pleased input a number to proceed:

1

-- Select Timetable --

1 – Monday – Friday

2 – Saturday

3 - Sunday

Pleased input a number to proceed:

3

1 – From Liverpool

2 – From Blackpool

Once the user selects 1 or 2 (in this case 1), the timetable from Liverpool is displayed.

1

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Sunday

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Liverpool Lime Street 0829 0913

Edge Hill - -

Technology Park 0834 0918

Broad Green 0837 0921

Roby 0840 0924

Scroll down to bottom of the page

Page 1 of 2

2 - Next page

3 - Return to menu

Page 1 of 2

2 – Next Page

3 – Return to menu

Pleased input a number to proceed:

2

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Sunday

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Liverpool Lime Street 1615 1715

Edge Hill - -

Technology Park 1620 1720

Broad Green 1623 1723

Roby 1626 1726

**Main menu:**

--- Java Console Based Railway Timetable ---

1 – View Timetable

2 – Filter Timetable

3 - Quit

Please input a number to proceed:

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1 – Previous Page

2 – Next Page

3 – Return to menu

This is at the bottom of the console.

Filtering timetable (Origin only)

**Main menu:**

--- Java Console Based Railway Timetable ---

1 – View Timetable

2 – Filter Timetable

3 - Quit

Please input a number to proceed:

When the user enters 2 for the filter timetable, it displays a sub menu which lets the user pick which menu they want filtered.

Pleased input a number to proceed:

2

-- Select Timetable --

1 – Monday – Friday

2 – Saturday

3 - Sunday

1

1 – From Liverpool

2 – From Blackpool

Once the user selects what timetable they want, another sub menu displays so that the user can pick if they want to filter the timetable from Liverpool or Blackpool.

The user is presented with another menu asking what way they want the timetable to be filtered

1

-- Filter Timetable --

1 – Origin only

2 – Destination only

3 – Origin and destination

4 – Filter by Station Facilities

5 – Return to menu

When the user enters 1, it asks the user for a station code. For e.g. LIV

1

Enter station code:

LIV

LIV

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Monday - Friday

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Liverpool Lime Street 0510 0616

Edge Hill 0514 0620

Technology Park - 0622

Broad Green - 0625

Roby - 0628

Huyton 0519 0631

This is at the bottom of the console

Page 1 of 6

2 – Next Page

3 – Return to menu

Filtering timetable (Destination only)

This is going back to the Filter Timetable sub menu after the user enters 2 at the main menu (Filter timetable), then selects which timetable the user wants to filter (in this case Monday-Friday) and then another menu asking for which direction (in this case From Liverpool).

1

-- Filter Timetable --

1 – Origin only

2 – Destination only

3 – Origin and destination

4 – Filter by Station Facilities

5 – Return to menu

When the user selects 2 at the filter timetable sub-menu, it asks the user to enter the station code, e.g., LIV.

2

Enter station code:

LIV

LIV

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Monday - Friday

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Liverpool Lime Street 0510 0616

Edge Hill 0514 0620

Technology Park - 0622

Broad Green - 0625

Roby - 0628

Huyton 0519 0631

This is at the bottom of the console

Page 1 of 6

2 – Next Page

3 – Return to menu

Filtering timetable (Origin and destination)

1

-- Filter Timetable --

1 – Origin only

2 – Destination only

3 – Origin and destination

4 – Filter by Station Facilities

5 – Return to menu

This is going back to the Filter Timetable sub menu after the user enters 2 at the main menu (Filter timetable), then selects which timetable the user wants to filter (in this case Monday-Friday) and then another menu asking for which direction (in this case From Liverpool).

If the user enters 3¸ the user has to enter the origin station name/code. For example, you can enter Blackpool North or BPN.

3

Enter station name/code:

LIV

Once the user has entered a valid station name or code, it asks the user to enter the destination station name or code.

3

Enter origin station name/code:

LIV

Enter destination station/name:

BPN

Once the user has entered a valid destination station name or code, a filtered timetable will display based on the timetable they picked, in this example it’s the Monday to Friday one.

3

Enter origin station name/code:

LIV

Enter destination station/name:

BPN

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Monday – Friday

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Liverpool Lime Street 0736 0836

Blackpool North 0853 0953

Duration: 01hrs 17mins 01hrs17mins

Scroll down to bottom of the page

Page 1 of 2

2 - Next page

3 - Return to menu

2

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Monday – Friday

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Liverpool Lime Street 1936 2036

Blackpool North 2054 2154

Duration: 01hrs 18mins 01hrs18mins

**Main menu:**

--- Java Console Based Railway Timetable ---

1 – View Timetable

2 – Filter Timetable

3 - Quit

Please input a number to proceed:

Page 2 of 2

1 - Next page

3 - Return to menu

This is at the bottom of the console.

Filtering timetable (Filter by Station Facilities)

1

-- Filter Timetable --

1 – Origin only

2 – Destination only

3 – Origin and destination

4 – Filter by Station Facilities

5 – Return to menu

Filter timetable (Return to menu)

This is going back to the Filter Timetable sub menu after the user enters 2 at the main menu (Filter timetable), then selects which timetable the user wants to filter (in this case Monday-Friday) and then another menu asking for which direction (in this case From Liverpool).

1

-- Filter Timetable --

1 – Origin only

2 – Destination only

3 – Origin and destination

4 – Filter by Station Facilities

5 – Return to menu

When the user selects 5, it takes them back to the main menu.

5

--- Java Console Based Railway Timetable ---

1 – View Timetable

2 – Filter Timetable

3 – Quit

Please input a number to proceed

Quitting the programme

**Main menu:**

--- Java Console Based Railway Timetable ---

1 – View Timetable

2 – Filter Timetable

3 - Quit

Please input a number to proceed:

Please input a number to proceed:

3

Program has been terminated