

digital prototype version 3.0

Axure Prototype

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Usability Test Plan

Predictive Monitoring Module

Task 1: create and set name for a monitor object

Scenario: As a operations manager, Irene want to import one or many predictors in the form of pickle files to create a monitor object

Inputs & Assumption: Irene is in the predictive monitoring home page

Steps:

- upload one or more pickles files
- upload one schema
- enter the monitor name
- click create a monitor

Output: The monitor is created with the given name

Task 2: read/view all the existing predictive monitors

Scenario: Irene want to view all the predictive monitors I've made

Inputs & Assumption: Irene is in the any page of predictive monitoring

Steps:

- click predictive monitoring on the top left
- click "view existing monitors"

Output: The list of monitors will show on a table

Task 3 : delete a monitor

Scenario: Irene want to delete predictive monitor B

Inputs & Assumption: The user is on the page of monitor table

Steps:

- click the delete button beside the monitor B.

Output: The monitor is deleted.

Task 4 : create a dashboard

Scenario: Irene want to create a dashboard by using the event log

Inputs & Assumption: Irene is on the page of monitor table

Steps:

- click "create dashboard" beside the monitor
- give the name of the dashboard

- upload the event log

Output: The dashboard will start to create

Task 5: read/view the status of the monitor dashboard

Scenario: After create a dashboard, Irene want to view the status of the dashboard

Inputs & Assumption: Irene is on the any page of predictive monitoring

Steps:

- no step need, after creating a dashboard, the page will automatically go back to dashboard table

Output: The status of the dashboard is shown on a table.

Task 6: cancel a dashboard

Scenario: Irene now want to cancel the dashboard B that she has created

Inputs & Assumption: Irene is on the page of monitor table

Steps:

- click the cancel button beside the dashboard B

Output: The status of the dashboard will change to cancel

Task 7: read on a monitor dashboard

Scenario: Irene now want to view the dashboard A that has already completed.

Inputs & Assumption: Irene is on the page of dashboard table

Steps:

- click the view beside the dashboard A

Output: Irene can view the dashboard A now, including the aggregate data statistics such as average case length, duration, and amount completed

Task 8: export the dashboard as a CSV file

Scenario: Irene want to export the csv file of the dashboard A

Inputs & Assumption: Irene is on the page of dashboard A

Steps:

- click the export to csv button on the top right

Output: The csv file will be exported

Training Module

Task 9: create/train a remaining time predictor

Scenario: As a [business analyst](#), Jack want to train a remaining time predictor

Inputs & Assumption: He is at the home page of the training part

Steps:

- give a name of the predictor
- select the remaining time as the type of the predictor
- choose the event log
- choose the schema
- click generate predictor

Output: The predictor will start to generate, and Jack can see the status on a table

Task 10: create/train a Binary predictor

a business analyst, Jack want to train a Binary predictor

Inputs & Assumption: He is at the home page of the training part

Steps:

- give a name of the predictor
- select the Binary as the type of the predictor
- choose the event log
- choose the schema
- choose a filter
- click generate predictor

Output: The predictor will start to generate, and Jack can see the status of it on a table

Task 11: train the predictor with advanced options

Scenario: As a business analyst, Jack want to train a Binary predictor by using advanced mode so that he can change the setting

Inputs & Assumption: He is at the home page of the training part

Steps:

- switch the advanced mode on the top left of the screen
- select the Binary as the type of the predictor
- choose the event log
- choose the schema
- choose a filter
- choose the preferred setting
- click generate predictor

Output: The predictor will start to generate, and Jack can see the status of it on a table

Task 12: read/view a list of all the predictors, including their progress

Scenario: Now Jack want to view all predictors that have generated or still generating

Inputs & Assumption: He is at any page of the training part

Steps:

- click training button on the top bar
- select view existing predictors

Output: He can view all predictors in a table.

Task 13: cancel a predictor

Scenario: predictor B is not necessary and Jack want to delete it now

Inputs & Assumption: He is at the page of predictor table

Steps:

- click cancel button beside the Predictor B

Output: The status of Predictor B is canceled

Task 14: view a predictor dashboard

Scenario: Jack want to view the dashboard of predictor A

Inputs & Assumption: He is at the page of predictor table

Steps:

- click view button beside the Predictor A

Output: Now he can see the dashboard of predictor A