---- USER STORY(10) ----

Baseline story point estimate value of one = 1 hrs of development time for a single developer

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#1 As a administrator, I can read from a shape file that keeps track of all shapes.

a) Description:

In the shape file, which are identified by their information of shape, such as line, polyline, polygon, rectangle, ellipse, and text.

b) Tasks:

As a administrator, I can look up information of any kinds of shapes.

c) Tests:

Verify that all shapes’ properties are available to view

Verify that all texts’ properties are available to view

Verify that all shapes’ are available

d) Assignee:

Nan Qiang, implement front end UI and code behind logic & look up function

Joshua, member class data

e) Estimation: 10

f) Priority: 5

g) Done:

User is able to view movie information(refer to tests)

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#2 As a administrator, I can be able to move shapes, such as line, polyline, polygon, rectangle, ellipse, and text. The record for all the changes should visible in the rendering area.

a) Description:

A administrator has the access to move shapes, which include shape dimensions, pen color, pen width, pen style, pen cap style, pen join style, brush color, brush shape, text string, text color, text alignment, text point size, text font family, text font style, and text font weight.

b) Tasks:

As a administrator, I can move the partial properties’ of shapes & text.

As a administrator, I can move the all properties’ of shapes / text.

As a administrator, I can move the all properties’ of shapes & text.

c) Tests:

Verify that a administrator has the access to move shapes & text.

Verify that move operation is fully operational.

Verify that rendering area has the record for move operation.

d) Assignee:

Qiantai Chen, implement front end UI and code behind logic & operations edit movie

Nan Qiang, member class data

e) Estimation: 15

f) Priority: 2

g) Done:

Baseline story point estimate value of one = 6hrs of development time for a single developer

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#3 As a administrator, I can be able to add & remove shapes, such as line, polyline, polygon, rectangle, ellipse, and text. The record for all the changes should visible in the rendering area.

a) Description:

A administrator has the access to add & remove shapes, which include shape dimensions, pen color, pen width, pen style, pen cap style, pen join style, brush color, brush shape, text string, text color, text alignment, text point size, text font family, text font style, and text font weight.

b) Tasks:

As a administrator, I can add & remove the partial properties’ of shapes & text.

As a administrator, I can add & remove the all properties’ of shapes / text.

As a administrator, I can add & remove the all properties’ of shapes & text.

c) Tests:

Verify that a administrator has the access to add & remove the shapes & text.

Verify that add & remove operation is fully operational.

Verify that rendering area has the record for add & remove operation.

d) Assignee:

Yi Cheng , implement front end UI and code behind logic, member class data & operations reservation cancelation

Melissa, implement class to email confirmation to user

e) Estimation: 10

f) Priority: 7

g) Done:

All task, test conditions satisfied

Baseline story point estimate value of one = 2 hrs of development time for a single developer

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#4 as administrator/product owner, can login

a) Description:

The administrator can login the 2D graphic modeler, and administrator can have access to different areas of the program

b) Tasks:

Administrator can login system with their username and password

Change the shapes in file

c) Tests:

System will verify the correctness of the username and password

edit the files

d) Assignee:

Yichen, implement front end UI and code behind logic

Lei, member class data

e) Estimation: 10

f) Priority: 3

g) Done:

Successfully login the system

Successfully change the files

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#5 as user, he can login

a) Description:

The user can login the 2D graphic modeler.

b) Tasks:

User can login system with their username and password

c) Tests:

System will verify the correctness of the username and password

d) Assignee:

Yichen, implement front end UI and code behind logic

Lei, member class data

e) Estimation: 10

f) Priority: 3

g) Done:

Successfully login the system

Baseline story point estimate value of one = 4 hrs of development time for a single developer

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#6 as product owner & administrator produce a shape listing report sorted by shape id

a) Description:

The product owner & administrator can produce a shape listing report sorted by shape id.

b) Tasks:

Successfully create a report and output

Sort by different order(Ascending, descending)

c) Tests:

Correct order after sort

Able to output the report

d) Assignee:

Lei Du, implement front end UI and code behind logic

Qiantai, member class data

e) Estimation: 10

f) Priority: 1

g) Done:

Successfully output the report sorted by shape id

Baseline story point estimate value of one = 5 hrs of development time for a single developer

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#7 as product owner & administrator produce a shape listing report sorted by shape area

a) Description:

The product owner & administrator can produce a shape listing report sorted by shape area.

b) Tasks:

Successfully create a report and output

Sort by different order(Ascending, descending)

c) Tests:

Correct order after sort

Able to output the report

d) Assignee:

Yichen, implement front end UI and code behind logic

Melissa, member class data

e) Estimation: 10

f) Priority: 1

g) Done:

Successfully output the report sorted by shape area

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#7 as product owner & administrator produce a shape listing report sorted by shape perimeter

a) Description:

The product owner & administrator can produce a shape listing report sorted by shape perimeter.

b) Tasks:

Successfully create a report and output

Sort by different order(Ascending, descending)

c) Tests:

Correct order after sort

Able to output the report

d) Assignee:

Yichen, implement front end UI and code behind logic

Melissa, member class data

e) Estimation: 10

f) Priority: 1

g) Done:

Successfully output the report sorted by perimeter

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#9 As users use the software, there would often be crashes and errors report. This story will implement an autosave feature and a crash handler report to ensure that future uses of this product will not compromise in user’s hand.

a) Description:

A administrator/users use the software and runs into any crashes. The crash handler will open and attempt to save any unsaved documents aside before closing the app. Then a report will be sent out to provide a reason why it happened. Another feature is the autosave feature will be implemented incase datas are not saved manually and a crash occurs. This provides an insurance to users who are actively using the software product.

b) Tasks:

As a administrator running into a crash, a handle should pop up and send out a report

As a administrator, my work should be auto saved within a set timeframe.

As a administrator, any work lossed in my crash should a tleast attempt to be saved before losing it.

c) Tests:

Verify that autosave works at a certain time frame

Verify that the crash handler works and sends a report out

Verify that recovery data at least attempts to work, if not then it is not expected to fully recovery data lost in a crash.

d) Assignee:

Joshua Yang will implement an auto save feature to provide an insurance incase failure of the application or crashes report.

e) Estimation: 10

f) Priority: 9

g) Done:

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#10 As a administrator, I can be able to export the project into multiple file types (PDF, 3D, HTML, etc)

a) Description:

A administrator has the access to export the files into commercial type files, such as industry required workloads or merging into another application to be used in.

b) Tasks:

As a administrator, I can export to a PDF, HTML, etc.

As a administrator, I can customize the export pixel data. (Height/Width of export or pixels)

As a administrator, I can save and use the export as a publisher with a commercial license

c) Tests:

Verify that exporting files work and function as usual

Verify that customization of export settings work

Verify that a license is attached to the export to prevent misuse or copyright infringements

d) Assignee:

Joshua Y, implement front end code to exporting files and having an custom setting to direct how the file is to be exported.

e) Estimation: 10

f) Priority: 10

g) Done:

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