

Criterion B: Solution overview**Record of Tasks**

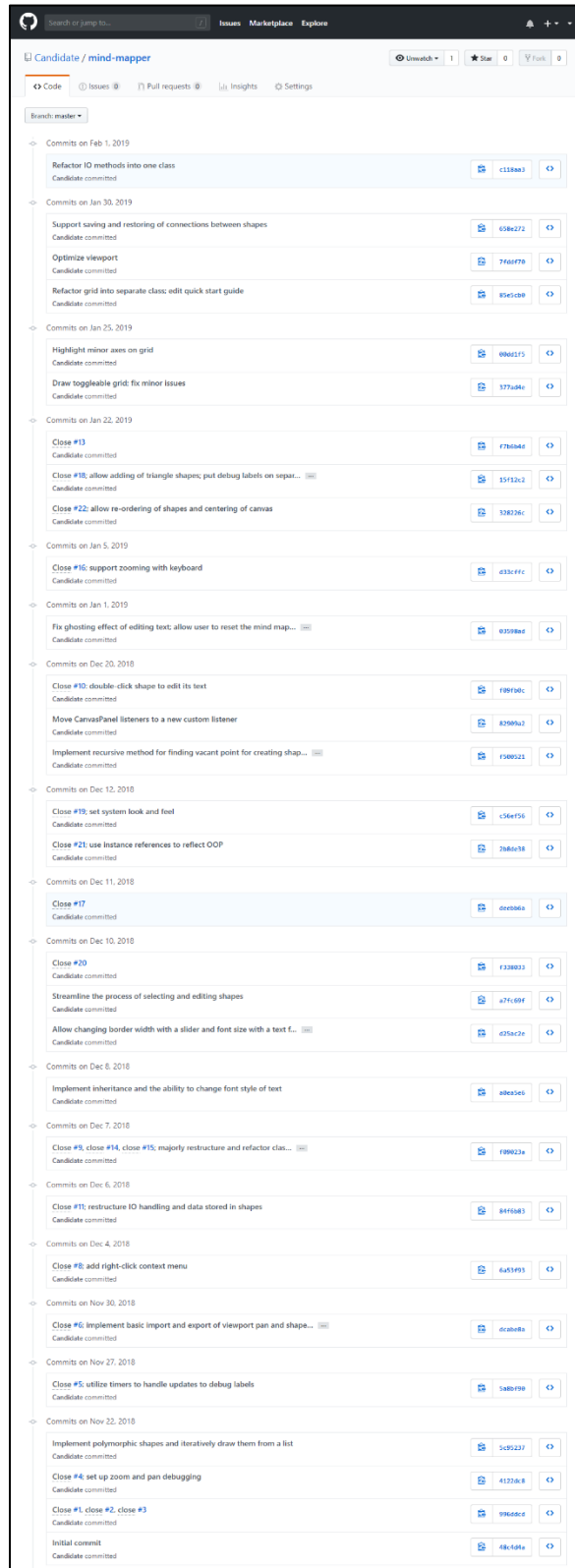
Task number	Planned action	Planned outcome	Time estimate	Target completion date	Criterion
1	Converse with Client about the product idea	Client agreed to start development and be the adviser	1 week	October 15, 2018	A
2	Present and discuss idea to class and teacher	Product idea was clarified and approved	1 day	October 22, 2018	A
3	First interview with Client	Conversation compiled in Appendix; needs of Client and success criteria finalized	3 days	November 14, 2018	A
4	Obtain Client's visualization of the program's general layout	General appearance of program was received and compiled in Appendix	1 day	November 16, 2018	A
5	Determine Client's desired date for the prototype. Complete Criterion A	Completed Criterion A	2 days	November 19, 2018	A
6	Begin development of the program, aiming for the prototype deadline	Prototype for interim interview	2 months	January 8, 2019	C
7	Develop initial GUI layout and basic OOP class structures	Java Swing frame and panels were created to conform to Client's visualization	4 days	November 22, 2018	C
8	Implement functionality of zooming in/out and panning of the mind map canvas	Client is able to zoom in/out using the mouse wheel and pan by dragging on the canvas	4 days	November 29, 2018	C
9	Begin utilizing GitHub for version control to support Record of Tasks and progression through success criteria	Work completed on the program can be tracked via "commits", success criteria and issues can be tracked with "issues". This also allows the Client to view progress made. Please see the screenshots attached below	1 day	November 30, 2018	B

10	Research how to draw shapes with coordinates in Java Swing	Implement functionality of adding shapes	4 days	December 6, 2018	C
11	Construct picker panel, canvas panel, viewport, and menu bar	Align with Client's visualization of the program's layout	2 days	December 7, 2018	C
12	Resolve issue of high CPU usage when zooming and panning	Limit frames per second to allow program to run smoothly	2 days	December 7, 2018	C
13	Research methods of storing data with Java, such as JSON with the Google GSON library	Implement functionality of import and export (open and close file) of mind map data	5 days	December 14, 2018	C
14	Allow the editing of text within shapes	Client is able to edit the text within shapes by double-clicking	4 days	December 13, 2018	C
15	Allow for shapes to be dragged around	Client is able to drag shapes wherever desired	2 days	December 10, 2018	C
16	Allow for shape border width, font size, style, colour to be changed	Client is able to edit these attributes via the right-click context menu	3 days	December 14, 2018	C
17	Implement functionality of exporting the mind map to an image	Client is able to select a location to save a PNG or JPG image and also select the desired quality	4 days	December 14, 2018	C
18	Allow for the mind map to be reset	Client is able to click on "New" to create a new mind map document	1 day	December 18, 2018	C
19	Implement functionality of connecting shapes with lines	Client is able to connect shapes in mind map fashion via right-click	1 week	January 1, 2019	C
20	Beta version of program provided to Client for testing	Client provided advice in second interview	1 week	January 8, 2019	C
21	Second interview with Client	Client, as the Adviser, has requested more features and requirements for the program	1 day	January 8, 2019	C
22	Support zooming with keyboard	Client is able to zoom in and out of the canvas with Ctrl + and -	2 days	January 18, 2019	C
23	Allow for the re-ordering of shapes	Overlapping shapes can be re-ordered if desired	4 days	January 18, 2019	C

24	Implement a function for centering the canvas	Client is able to re-center the canvas if he lost his position within the canvas	3 days	January 20, 2019	C
25	Draw a grid in the canvas	Grid is drawn in canvas and is able to be toggled by the Client	3 days	January 22, 2019	C
26	Create a help menu	Client is able to access the quick start guide via the menu bar	4 days	January 25, 2019	C
27	Fix issue of mind map connections not saving	Lines are now able to be saved and restored	2 days	January 30, 2019	C
28	Package entire program as a JAR file and provide Client with final product for feedback	Client provided feedback and recommendations in third interview	2 weeks	February 13, 2019	E
29	Third interview with Client	Client provided significant feedback and comments on program functionality, as well as recommendations for development	2 days	February 15, 2019	E
30	Obtain recommendations for improving the product	Written ideas for improvement of the product	1 day	February 16, 2019	E
31	Record video for demonstration of product functionality	Finished recording	4 days	February 21, 2019	D

Supporting screenshots of “commits” and “issues” on GitHub:

List of commits:



Search or jump to...

Candidate / mind-mapper

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Code Issues Pull requests Insights Settings

Branch: master

Commits on Feb 1, 2019

- Refactor IO methods into one class
Candidate committed
c189a3

Commits on Jan 30, 2019

- Support saving and restoring of connections between shapes
Candidate committed
c58a272
- Optimize viewport
Candidate committed
74a0f79
- Refactor grid into separate class; edit quick start guide
Candidate committed
85e1d86

Commits on Jan 25, 2019

- Highlight minor axes on grid
Candidate committed
69a2175
- Draw toggleable grid; fix minor issues
Candidate committed
577a4e4

Commits on Jan 22, 2019

- Close #13
Candidate committed
f78a04e
- Close #18: allow adding of triangle shapes; put debug labels on separ...
Candidate committed
55f12c3
- Close #22: allow re-ordering of shapes and centering of canvas
Candidate committed
538236c

Commits on Jan 5, 2019

- Close #16: support zooming with keyboard
Candidate committed
a33c4fc

Commits on Jan 1, 2019

- Fix ghosting effect of editing text: allow user to reset the mind map...
Candidate committed
d308ba2

Commits on Dec 20, 2018

- Close #10: double-click shape to edit its text
Candidate committed
f9f70b6
- Move CanvasPanel listeners to a new custom listener
Candidate committed
d2989a2
- Implement recursive method for finding vacant point for creating shap...
Candidate committed
f580223

Commits on Dec 12, 2018

- Close #19: set system look and feel
Candidate committed
c54a756
- Close #21: use instance references to reflect OOP
Candidate committed
78a0c38

Commits on Dec 11, 2018

- Close #17
Candidate committed
dce0a6a

Commits on Dec 10, 2018

- Close #10
Candidate committed
f238033
- Streamline the process of selecting and editing shapes
Candidate committed
a7f1b94
- Allow changing border width with a slider and font size with a text f...
Candidate committed
d57ac2e

Commits on Dec 8, 2018

- Implement inheritance and the ability to change font style of text
Candidate committed
a8e3c61

Commits on Dec 7, 2018

- Close #9, close #14, close #15: majorly restructure and refactor clas...
Candidate committed
f99023a

Commits on Dec 6, 2018

- Close #11: restructure IO handling and data stored in shapes
Candidate committed
84f0a83

Commits on Dec 4, 2018

- Close #8: add right-click context menu
Candidate committed
6a51493

Commits on Nov 30, 2018

- Close #6: Implement basic import and export of viewport pan and shape...
Candidate committed
d7c0a8b

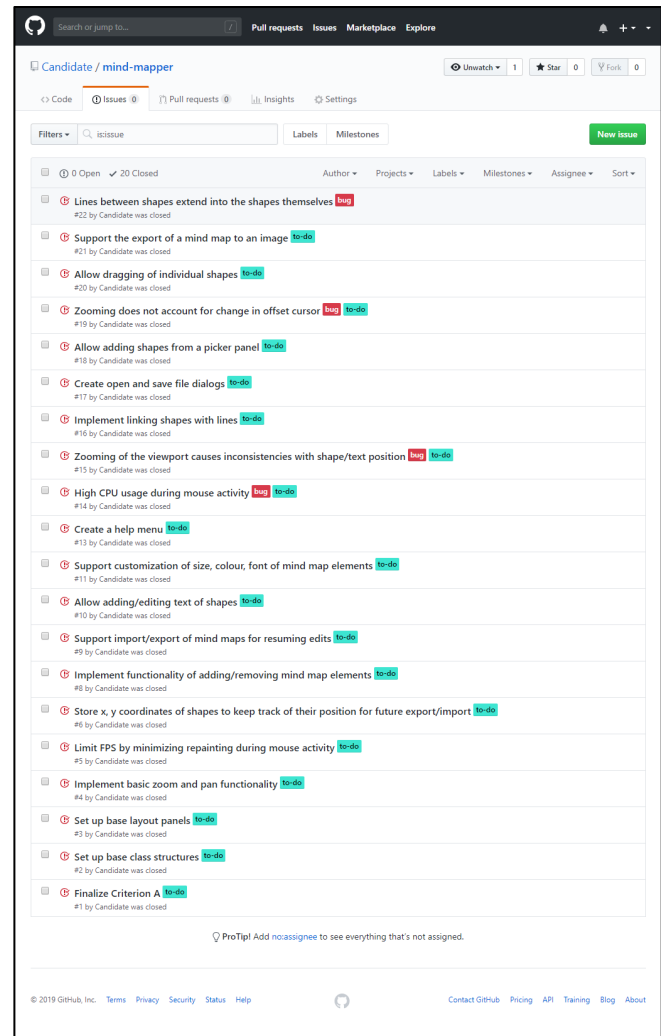
Commits on Nov 27, 2018

- Close #5: utilize timers to handle updates to debug labels
Candidate committed
5a8b759

Commits on Nov 22, 2018

- Implement polymorphic shapes and iteratively draw them from a list
Candidate committed
3c9c227
- Close #4: set up zoom and pan debugging
Candidate committed
4123a68
- Close #1, close #2, close #3
Candidate committed
99a6b0c
- Initial commit
Candidate committed
48c4a6a

List of issues:



Search or jump to...

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Code Issues Pull requests Insights Settings

Filters is:issue Labels Milestones New Issue

0 Open 20 Closed

Author Projects Labels Milestones Assignee Sort

- Lines between shapes extend into the shapes themselves bug
#22 by Candidate was closed
- Support the export of a mind map to an image to-do
#21 by Candidate was closed
- Allow dragging of individual shapes to-do
#20 by Candidate was closed
- Zooming does not account for change in offset cursor bug to-do
#19 by Candidate was closed
- Allow adding shapes from a picker panel to-do
#18 by Candidate was closed
- Create open and save file dialogs to-do
#17 by Candidate was closed
- Implement linking shapes with lines to-do
#16 by Candidate was closed
- Zooming of the viewport causes inconsistencies with shape/text position bug to-do
#15 by Candidate was closed
- High CPU usage during mouse activity bug to-do
#14 by Candidate was closed
- Create a help menu to-do
#13 by Candidate was closed
- Support customization of size, colour, font of mind map elements to-do
#11 by Candidate was closed
- Allow adding/editing text of shapes to-do
#10 by Candidate was closed
- Support import/export of mind maps for resuming edits to-do
#9 by Candidate was closed
- Implement functionality of adding/removing mind map elements to-do
#8 by Candidate was closed
- Store x, y coordinates of shapes to keep track of their position for future export/import to-do
#6 by Candidate was closed
- Limit FPS by minimizing repainting during mouse activity to-do
#5 by Candidate was closed
- Implement basic zoom and pan functionality to-do
#4 by Candidate was closed
- Set up base layout panels to-do
#3 by Candidate was closed
- Set up base class structures to-do
#2 by Candidate was closed
- Finalize Criterion A to-do
#1 by Candidate was closed

ProTip! Add noassignee to see everything that's not assigned.

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