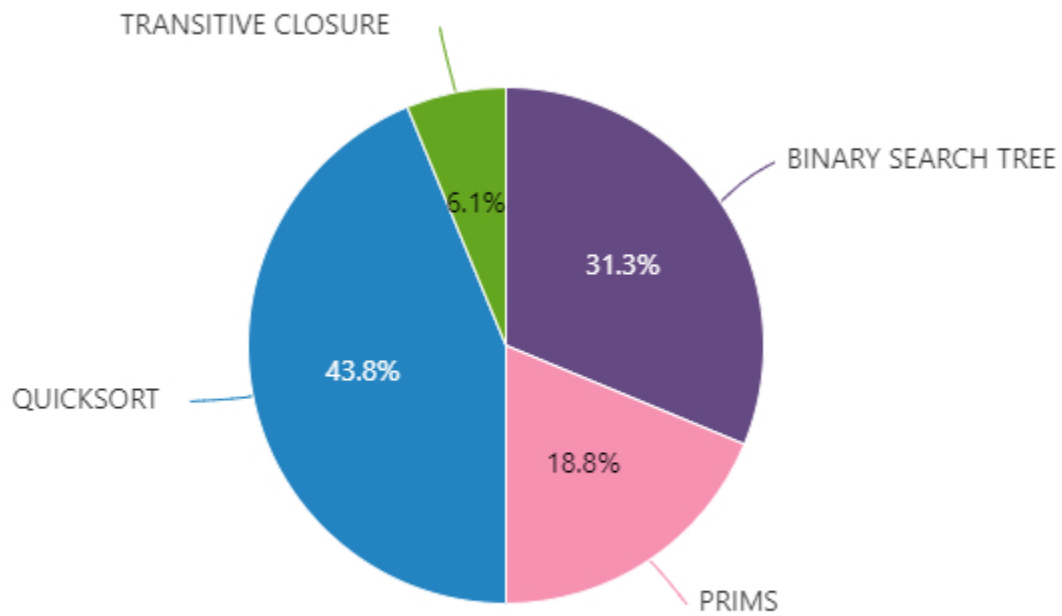


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Sprint 1B

The sub pages outline the documents generated during this sprint as well as the ceremonies conducted by all the teams.

Sprint 1B Backlog



FEATURE	STORY ID	TASK	STORY ESTIMATE	PRIORITY	ASSIGNED TO
BINARY SEARCH TREE	07	Label the element "t" and "p" from pseudocode on the tree diagram.	2	Must have	Team 2
	09	Left and right branches should be displayed separately.	2	Must have	Team 2
	12	Add explanation for each line of pseudocode.	1	Must have	Team 2
PRIMS	06	Display a priority queue along with the graph to show the changes.	3	Must have	Team 2
QUICKSORT	14	Highlight the pivot element after it is chosen so it is distinguishable from other elements.	2	Must have	Team 1
	15	Label the element "i" and "j" from the pseudocode on the diagram.	2	Must have	Team 1
	16	A sorted version of array should be displayed at the bottom of the diagram for comparison.	3	Must have	Team 1
TRANSITIVE CLOSURE	22	The result should be shown at the final step of the algorithm.	1	Must have	Team 1

Sprint 1B Ceremonies

This page consists of the meeting minutes of all sprint ceremonies conducted for Sprint 1B by both the teams.

07/04/21 - Team 1 Sprint Planning

Meeting of: AIA Team 1

Held at: Zoom

Date: 07 Apr 2021

From: 5 pm – 6 pm

Present:

Sanjana, Ishwari, Zimo

Minutes

The following was discussed –

S. No.	Agenda	Points discussed
1	Allocate tasks on Trello	<ul style="list-style-type: none">The following user stories/tasks have been allocated as follows - US_14_HIGHLIGHT_PIVOT - Zimo US_15_ADD_POINTERS_QS - Jason US_16_DISPLAY_SORTED_ARRAY - Naman US_22_ADD_FINAL_RESULT - Ishwari and Sanjana ** All branches to be merged by 14 Apr 2021 6 pm
2	Decide day for stand up	<ul style="list-style-type: none">Sprint Stand up - 13 Apr 2021
3	Address git norms	<ul style="list-style-type: none">Continue working on the forked repo - https://github.com/Sanj98/algorithms-in-action.github.ioDo a git pull in 'dev' branch before creating your branchCreate your branch with the tag/task name for eg - US_14_HIGHLIGHT_PIVOTFrom now on we will merge with branch 'team1_dev'

Next meeting

The next meeting will be held on 13 Apr 2021 via Zoom.

Agenda of next meeting

- Sprint Stand up - review progress

Minutes Approved by: All

13/04/21 - Team 1 Stand up

Meeting of: AIA Team 1

Held at: Zoom

Date: 13 Apr 2021

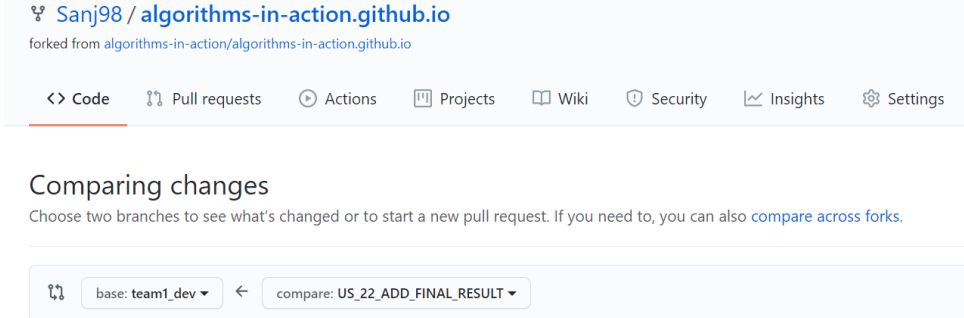
From: 5 pm – 6 pm

Present:

Sanjana, Ishwari, Zimo

Minutes

The following was discussed –

S. No.	Agenda	Points discussed
1	Progress of each member	<ul style="list-style-type: none">Naman (US_16_DISPLAY_SORTED_ARRAY) -<ul style="list-style-type: none">will be implemented by tomorrowJason (US_15_ADD_POINTERS_QS) -<ul style="list-style-type: none">will be implemented by tomorrowIshwari and Sanjana (US_22_ADD_FINAL_RESULT) -<ul style="list-style-type: none">implemented and merged with team1_devZimo (US_14_HIGHLIGHT_PIVOT) -<ul style="list-style-type: none">will be implemented by tomorrowsome confusions, will be discussed one on one with Sanjana over a quick call
2	Any concerns	<ul style="list-style-type: none">Create pull request by 15 Apr 2021 as the sprint ends on the 16th<ul style="list-style-type: none">This time we will merge with "team1_dev" - see below <div></div> <ul style="list-style-type: none">

Next meeting

The next meeting will be on 20 Apr 2021 via zoom.

Agenda of next meeting

- Sprint review with clients

Minutes Approved by: All

16/04/21 - Team 2 Stand Up

Date

16 Apr 2021

Attendees

- [Chao Zhang](#)
- Mick
- Andrew
- Cameron

Goals

- Check the progress of each teammate
- Resolve GitHub issue

Discussion items

Time	Item	Who	Notes
10 min	Progress of each member	<ul style="list-style-type: none">• Chao Zhang• Mick• Andrew• Cameron	<ul style="list-style-type: none">• Chao Zhang (US_07_ADD_POINTERS_BST) - Completed• Mick (US_06_CLOSE_NESTED_BLOCKS) - User story left from sprint 1a Completed• Mick (US_21_DISPLAY_PRIORITY_QUEUE) - Completed• Cameron and Andrew(US_09_SPLIT_TREE) - Still working on it
5 min	Discuss on user story 12	<ul style="list-style-type: none">• Chao Zhang• Mick• Andrew• Cameron	<ul style="list-style-type: none">• The real file provided by clients is identical to the existing pseudocode• should bring up to the clients in the upcoming review section
20 min	Resolve GitHub cannot push new branches	<ul style="list-style-type: none">• Chao Zhang• Mick• Cameron	<ul style="list-style-type: none">• Chao Zhang and Mick cannot push their changes to GitHub• Solved the issue by requiring new invitations for Sanjana's forked repository

20/04/21 - Sprint Review

Meeting of: AIA Teams

Held at: Zoom

Date: 20 Apr 2021

From: 11 am – 12:30 pm

Present:

Andrew, Cameron, Chao, Mick, Sanjana, Ishwari, Zimo, Jason

Linda, Lee, Harald (clients)

Minutes

The following was discussed –

S. No.	Agenda	Points discussed	
1	Demonstrate user stories implemented	User stories complete by Team 1 -	Tag
		<input checked="" type="checkbox"/> Highlight the pivot element after its chosen in Quicksort <input type="checkbox"/> Add pointers for 'i' and 'j' in Quicksort - pushed to next sprint <input type="checkbox"/> Display sorted array at the bottom of the animation in Quicksort - pushed to next sprint <input checked="" type="checkbox"/> Add final result to Transitive closure	US_14_HIGHLIGHT_PIVOT US_15_ADD_POINTERS_QS US_16_DISPLAY_SORTED_ARRAY US_22_ADD_FINAL_RESULT
		User stories complete by Team 2 -	Tag
		<input checked="" type="checkbox"/> Add pointers for 't' and 'p' in Binary Search Tree <input checked="" type="checkbox"/> Split the tree into left and right trees in BST <input checked="" type="checkbox"/> Add explanations for pseudocode of BST <input checked="" type="checkbox"/> Display a priority queue in Prim's algorithm	US_07_ADD_POINTERS_BST US_09_SPLIT_TREE US_12_ADD_EXPLANATION_BST US_21_DISPLAY_PRIORITY_QUEUE
2	Collect requirements from clients for next sprint	<ul style="list-style-type: none">Alternatives for choosing pivot element (<i>need pseudocode from clients</i>)<ul style="list-style-type: none">Rightmost (the one there now)Median of three <p>Clients emailed it to Sanjana who shared it on the slack channel</p>	
3	Changes suggested by clients	<ul style="list-style-type: none">Quicksort<ul style="list-style-type: none">Highlight the pivot element for the code "pivot <- A[right]", it currently highlights it for "if (left < right)"Transitive Closure<ul style="list-style-type: none">Highlight i, j and k in the graph as well as matrixChange values from 0 to 1 in the matrix when a path is foundSwap the "graph view" panel with "matrix view" panelBinary Search Tree<ul style="list-style-type: none">Fix the spacing between the left and right treesChange the colours of highlighting active tree and the rest of the tree	

Next meeting

The next meeting will be on 20 Apr 2021 via Zoom.

Agenda of next meeting

- Sprint 1B Retrospective

Minutes Approved by: All

20/04/21 - Sprint Retrospective

Meeting of: AIA Teams

Held at: Zoom

Date: 20 Apr 2021

From: 5 pm – 5:30 pm

Present:

Andrew, Cameron, Sanjana, Ishwari, Zimo, Naman, Jason

Minutes

The following was discussed –

S. No.	Agenda	Points discussed
1	Goals achieved	<ul style="list-style-type: none">Fixed bug in existing code to close the nested blocks recursively so that the system can jump animation of closed blocks.Labelled the element "t" and "p" from pseudocode on the Binary Search Tree diagram.Split the trees into left and right trees distinctly in BSTDisplayed a priority queue for BSTHighlighted the pivot element in Quicksort after its chosenFixed the animation with Transitive Closure for finding all nodes reachableAdded Sprint 1B Backlog and meeting minutes of Sprint ceremonies
2	Goals not achieved	<ul style="list-style-type: none">Did not label the element "i" and "j" in QuicksortDid not add a sorted array to the bottom of the animation in Quicksort
3	What we did well?	<ul style="list-style-type: none">Sprint review went smoothly as compared to last time - changes were merged before handEffective communication and collaborationPresentation of Team 1 went well
4	What can be better?	<ul style="list-style-type: none">Team 2 - presentation could have gone more smoothlyNot carry forward the user stories - try to complete on timeProvide an accessible link to the clients of the app

Next meeting

The next meeting will be on 20 Apr 2021 via Zoom.

Agenda of next meeting

- Combined meeting of teams to allocate tasks among the teams

Minutes Approved by: All