

Sprint Plan 1 - ClassroomFinder

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Goal: Have a website that has the UCSC campus map with the classroom buildings labeled.

- 1) [1] I am a new student at UCSC and need to find my class building (which is often confusingly abbreviated in MyUCSC / the class schedule) so that I can get to my classes.
 - a. Create a webpage (1 hour)
 - Initialize website (done)
 - Components
 - home page
 - search bar (covered in others)
 - google map (covered in others)
 - building/floor maps
 - Routing
 - TBD
 - b. Place the campus map on the webpage (3 hours)
 - + floor maps for each building
 - c. Creating a search bar to receive user input (3 hours)
 - + implement fuzzy search possibly
 - d. Create a database with all buildings and their Google Maps place_IDs (5 hours)
 - Determine database to use
 - REST API
 - put request for map + class data in database
 - get by id for map
 - e. Sample all abbreviations from the class search and connect those to the buildings in the database (4 hours)
 - f. Develop a script for searching in the database (2 hours)
 - also a part of REST API
 - g. Show the marker and an infowindow on the map from the place_ID (4 hours)
 - h. Develop a webpage design (3 hours)
 - i. Infrastructure (2 hours)

Total time: 27 hours

- 2) [1] I am planning my schedule for the next quarter and need to know how long it will take to go from one lecture to the next so that I won't come too late to my classes.
 - j. Enable the Directions API from Google Maps (5 hours)
 - k. Access location from device (research and implementation- 3 hours)
 - l. Extend the search function to include a start and a target position (2 hours)

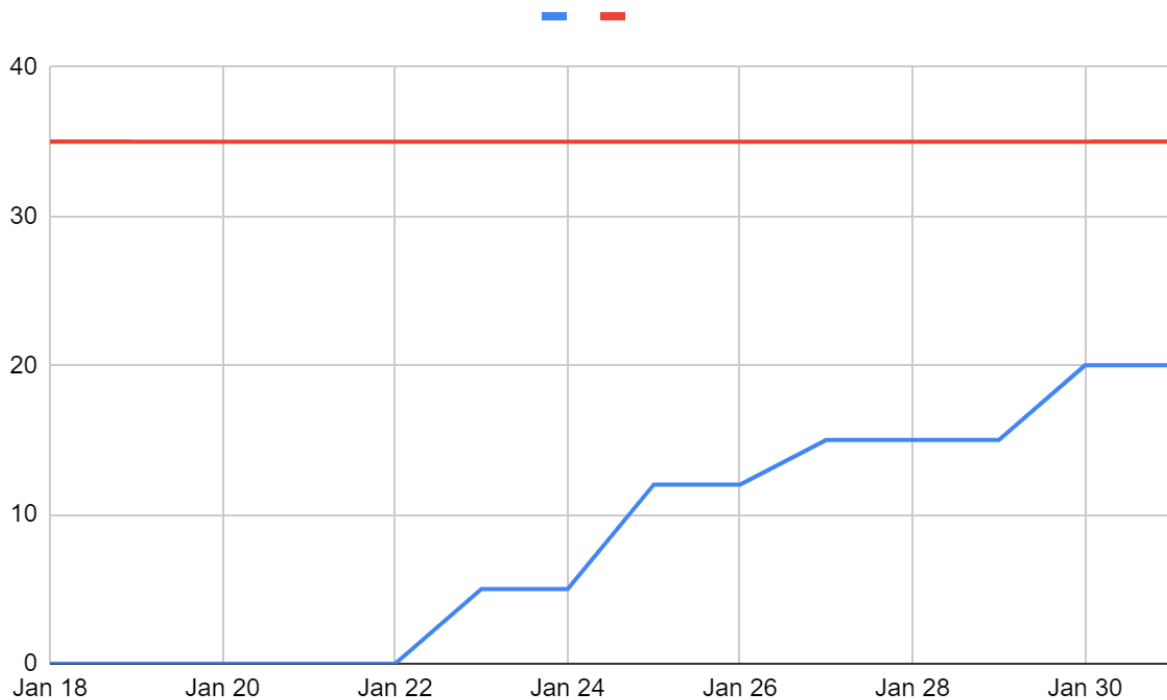
Total time: 7 hours

Team roles:

Maria Pomelov: Developer
Kristen Chiu: Developer, Scrum Master
Nicholas Wong: Developer
Caroline Olsmats: Project Owner, Developer
Devan O'Boyle: Developer

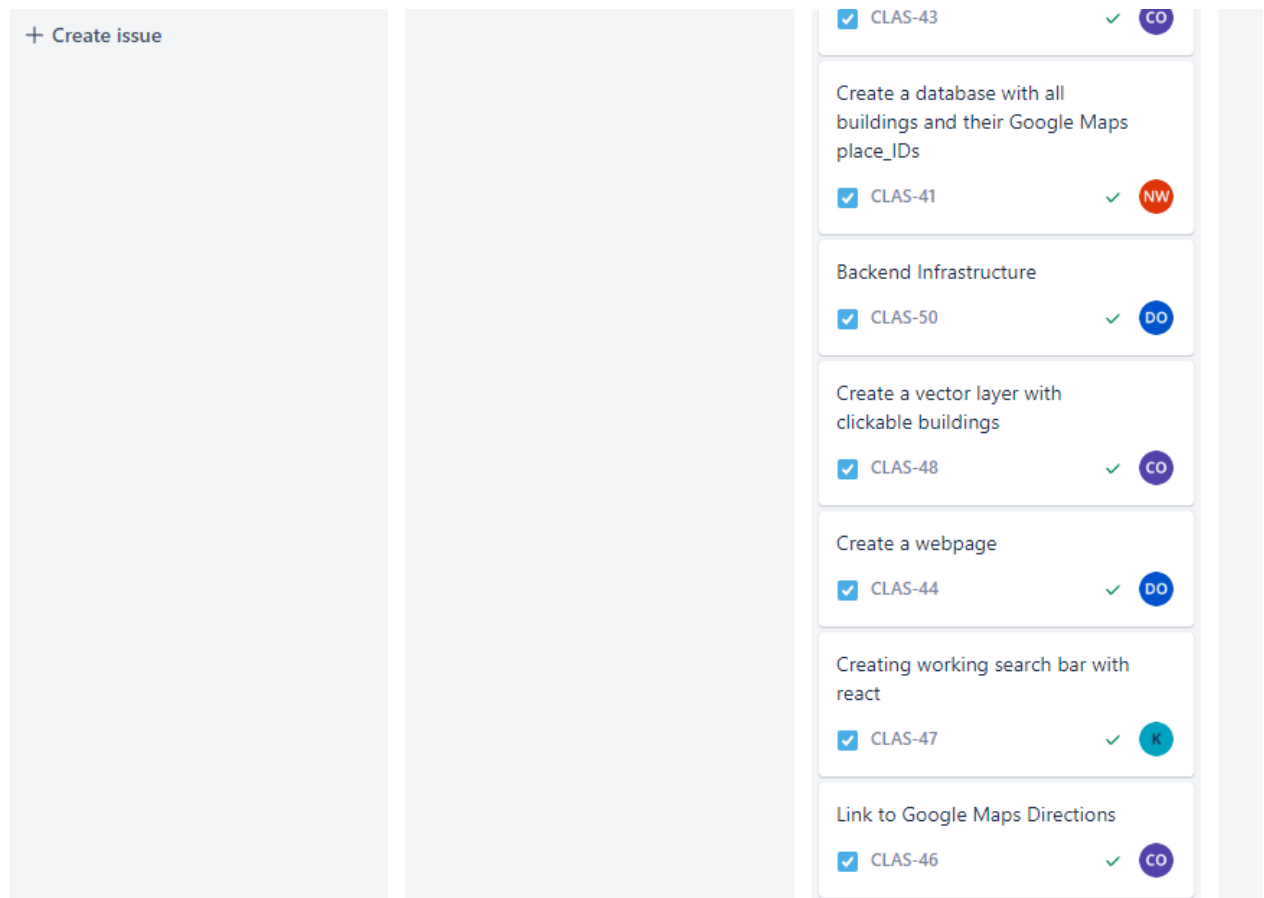
Task Assignment

Maria Pomelov: Story 1, task e
Kristen Chiu: Story 1, task a
Nicholas Wong: Story 1, task d
Caroline Olsmats: Story 1, task b
Devan O'Boyle: Story 1, task i

Burnup Chart:

Scrum Board: <https://classroomfinder.atlassian.net/jira/software/projects/CLAS/boards/1>

TO DO 5 ISSUES	IN PROGRESS	DONE 11 ISSUES ✓	PRODUCT BACKLOG
<div>Website Design</div> <div>✓ CLAS-51</div>		<div>Frontend Infrastructure</div> <div>✓ CLAS-49 ✓ DO</div>	
<div>Search Database</div> <div>✓ CLAS-52</div>		<div>Show the marker and an infowindow on the map from the place_ID</div> <div>✓ CLAS-42 ✓ CO</div>	
<div>Search Bar</div> <div>✓ CLAS-53</div>		<div>Sample all abbreviations from the class search and connect those to the buildings in the database</div> <div>✓ CLAS-40 ✓ M</div>	
<div>Find Maps</div> <div>✓ CLAS-54</div>		<div>Place the campus map on the webpage</div> <div>✓ CLAS-43 ✓ CO</div>	
<div>GET Request on API</div> <div>✓ CLAS-55</div>		<div>Create a database with all buildings and their Google Maps place_IDs</div> <div>✓ CLAS-41 ✓ NW</div>	
<div>+ Create issue</div>		<div>Backend Infrastructure</div> <div>✓ CLAS-50 ✓ DO</div>	
		<div>Create a vector layer with clickable buildings</div> <div>✓ CLAS-48 ✓ CO</div>	



Scrum Times:

Mon 1:00 - 1:15 (1:30 to 1:45 only on Jan 23)

Wed 1:00 - 1:15

Fri 1:00 - 1:15

TA meeting: Mon 2:00-2:45