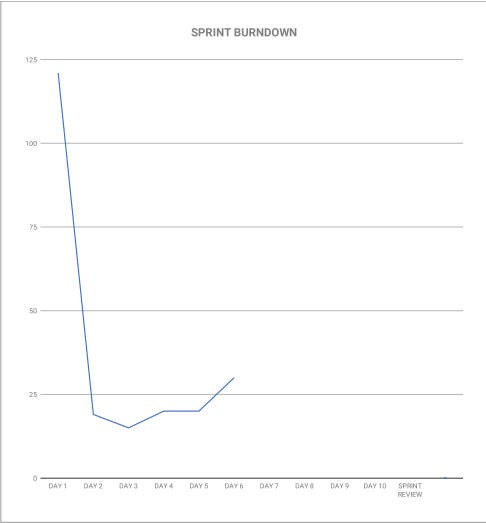


AGILE SPRINT BACKLOG TEMPLATE WITH BURNDOWN CHART

BACKLOG TASK & ID	STORY POINTS	ASSIGNED TO	STATUS	ORIGINAL ESTIMATE	DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6	DAY 7	DAY 8	DAY 9	DAY 10	SPRINT REVIEW
User Story #1															
Update User Requirements	2	Eljoh	Completed	1	0	0	0	0	1	x	x	x	x	x	
Update UML	4	Everyone	Completed	3	1	0	1	1	1	x	x	x	x	x	
Implement writing to file/random address	7	Kyle	Completed	3	1	1	3	0	0	x	x	x	x	x	
Implement reading from the file	7	Everyone	Completed	3	0	1	3	0	0	x	x	x	x	x	
Determine how to calculate the distance	8	Kiersten	Completed	1	0	1	1	2	0	x	x	x	x	x	
Implement comparselo/priority Queue	9	Everyone	Completed	5	0	1	3	2	0	x	x	x	x	x	
Print a representation of the map	7	Everyone	Did not complete	2	0	0	0	2	4	x	x	x	x	x	
User Story #2															
Print a representation of the map	8	Kyle	Completed	10	3	2	0	0	0	4	x	0	2	0	
Display houses with orders on the map	2	Kyle	Completed	5	0	1	0	1	0	5	x	0	1	0	
Generate 100 random order lines	2	Kiersten	Completed	3	1	1	1	0	0	0	0	0	0	0	
Generate a file that now contains 100 addresses AND order lines.	3	Kiersten	Completed	1	0	0	1	0	0	0	0	0	0	0	
Make the priority queue prioritize by order time	2	Kiersten	Completed	4	0	0	0	0	1	3	0	0	0	0	
Compute a route that the truck must follow to visit each location in order of order time	7	Eljoh	In Progress(WORKS IF DIRECTION AND STREET	10	0	0	0	1	1	1	4	0	2	2	
Outout the length of the route	2	Eljoh	Completed	4	0	2	1	1	1	0	0	0	0	0	
Display a simulation of the truck's movement (Make the outout update based on the route)	8	Kyle	Complete(CURRENTLY JUST A SAMPLE	10	0	0	0	1	2	4	3	4	6	0	
Update user requirements, UML, Documentation and Burndown Chart	3	Kyle	Completed	5	2	1	0	0	0	0	0	0	0	1	
User Story #3															
Compute a route that the truck must follow to visit each location in order of order time	7	Kyle/Eljoh	Completed	3	3	0	3	x	x	x	x	x	x	x	
Resize Neighborhood to 10x10 instead of 30x30 (Make the map adjustable, could be 15x15)	7	Kyle	Completed	10	2	2	0	0	6	x	x	x	x	x	
Change location color after it was visited	2	Kyle	Completed	4	0	0	0	0	3	2	3	x	x	x	
Use Strategy Design Pattern to implement at least 2 routing strategies.	4	Kiersten	Completed	2	0	0	0	0	0	2	0	0	0	0	
Create alternate route method that either takes only left turns or right turns	7	Eljoh	INPROGRESS(Does not Crash)	2	2	1	2	0	0	2	2	1	1	3	
Correct distance method (does not work in one way streets)	3	Kyle	Completed	3	2	0	0	0	2	x	x	x	x	x	
Add food order to each randomly generated customer event	3	Kiersten	Completed	2	1	0	0	0	0	0	0	0	0	0	
Compare cost effectiveness of each routing method.	5	Kiersten	Completed	4	0	0	0	1	1	5	0	0	0	0	
Update user requirements, UML, Documentation and Burndown Chart	3	Kyle	Completed	2	0	0	0	0	0	0	0	2	2	0	
User Story #4															
Make original route handle U-turns	6	Kyle	Completed	5	0	0	1	7	x	x	x	x	x	x	
Make second route fully function	8	Eljoh													
Change time units to real time (hours, mins, etc.)	4	Kiersten	Completed	4	0	1	0	0	2	1	x	x	x	x	
Implement the observer pattern (refactor)	5	Kyle	Completed	7	0	0	0	1	2	3	3	x	x	x	
Implement the singleton design pattern	2	Completed together IN CLASS		Completed	0	0	0	0	1	x	x	x	x	x	
User Requirements	2	Kiersten	Completed	1	1	x	x	x	x	x	x	x	x	x	
UML, Documentation, Backlog	2	Kyle	Completed	0	0	0	0	0	2	x	x	x	x	x	
User Story #5															
Task															
Task															
Task															
Task															
TOTAL				121	19	15	20	20	30						0



Sprint Backlog		Burndown Chart	
Item	Estimate	Actual	Remaining
Item 1	1		1
Item 2	1		1
Item 3	1		1
Item 4	1		1
Item 5	1		1
Item 6	1		1
Item 7	1		1
Item 8	1		1
Item 9	1		1
Item 10	1		1
Item 11	1		1
Item 12	1		1
Item 13	1		1
Item 14	1		1
Item 15	1		1
Item 16	1		1
Item 17	1		1
Item 18	1		1
Item 19	1		1
Item 20	1		1
Item 21	1		1
Item 22	1		1
Item 23	1		1
Item 24	1		1
Item 25	1		1
Item 26	1		1
Item 27	1		1
Item 28	1		1
Item 29	1		1
Item 30	1		1
Item 31	1		1
Item 32	1		1
Item 33	1		1
Item 34	1		1
Item 35	1		1
Item 36	1		1
Item 37	1		1
Item 38	1		1
Item 39	1		1
Item 40	1		1
Item 41	1		1
Item 42	1		1
Item 43	1		1
Item 44	1		1
Item 45	1		1
Item 46	1		1
Item 47	1		1
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