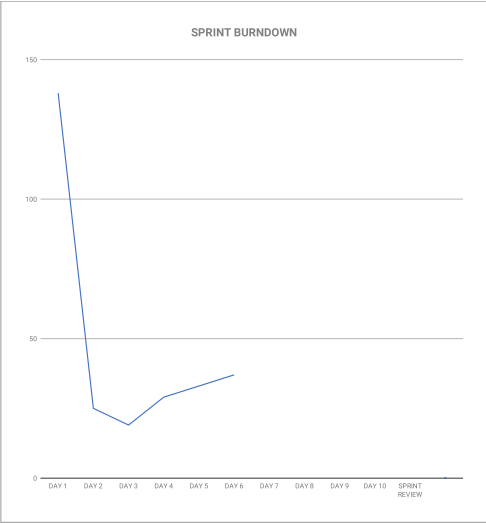


AGILE SPRINT BACKLOG TEMPLATE WITH BURNDOWN CHART

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	4	0	
Update use 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 20x20 (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 street)	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 use 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	IN PROGRESS	2	2	1	2	2	0	3	3				
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	0	1	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															
Finish SecondRoute	7	Kyle	Completed (few bugs)	10	1	1	4	8	5	x	x	x	x	x	
Make truck go to dist center when finished	1	Kyle	Completed	1	1	x	x	x	x	x	x	x	x	x	
Determine and implement sandwich scenarios	5	Kiersten	Completed	3	0	0	1	2	1	x	x	x	x	x	
Implement classes for decorator pattern	7	Eljoh	Completed	1	2	2	2	1	1	x	x	x	x	x	
Research factory (try to implement)	8	Kiersten	Incomplete	x	x	x	x	x	x	x	x	x	x	x	
TOTAL				138	25	19	29	33	37						0



Sprint Backlog Item		Estimate	Actual	Remaining
Task 1		8	0	8
Task 2		5	0	5
Task 3		3	0	3
Task 4		2	0	2
Task 5		1	0	1
Task 6		1	0	1
Task 7		1	0	1
Task 8		1	0	1
Task 9		1	0	1
Task 10		1	0	1
Task 11		1	0	1
Task 12		1	0	1
Task 13		1	0	1
Task 14		1	0	1
Task 15		1	0	1
Task 16		1	0	1
Task 17		1	0	1
Task 18		1	0	1
Task 19		1	0	1
Task 20		1	0	1
Task 21		1	0	1
Task 22		1	0	1
Task 23		1	0	1
Task 24		1	0	1
Task 25		1	0	1
Task 26		1	0	1
Task 27		1	0	1
Task 28		1	0	1
Task 29		1	0	1
Task 30		1	0	1
Task 31		1	0	1
Task 32		1	0	1
Task 33		1	0	1
Task 34		1	0	1
Task 35		1	0	1
Task 36		1	0	1
Task 37		1	0	1
Task 38		1	0	1
Task 39		1	0	1
Task 40		1	0	1
Task 41		1	0	1
Task 42		1	0	1
Task 43		1	0	1
Task 44		1	0	1
Task 45		1	0	1
Task 46		1	0	1
Task 47		1	0	1
Task 48		1	0	1
Task 49		1	0	1
Task 50		1	0	1
Task 51		1	0	1
Task 52		1	0	1
Task 53		1	0	1
Task 54		1	0	1
Task 55		1	0	1
Task 56		1	0	1
Task 57		1	0	1
Task 58		1	0	1
Task 59		1	0	1
Task 60		1	0	1
Task 61		1	0	1
Task 62		1	0	1
Task 63		1	0	1
Task 64		1	0	1
Task 65		1	0	1
Task 66		1	0	1
Task 67		1	0	1
Task 68		1	0	1
Task 69		1	0	1
Task 70		1	0	1
Task 71		1	0	1
Task 72		1	0	1
Task 73		1	0	1
Task 74		1	0	1
Task 75		1	0	1
Task 76		1	0	1
Task 77		1	0	1
Task 78		1	0	1
Task 79		1	0	1
Task 80		1	0	1
Task 81		1	0	1
Task 82		1	0	1
Task 83		1	0	1
Task 84		1	0	1
Task 85		1	0	1
Task 86		1	0	1
Task 87		1	0	1
Task 88		1	0	1
Task 89		1	0	1
Task 90		1	0	1
Task 91		1	0	1
Task 92		1	0	1
Task 93		1	0	1
Task 94		1	0	1
Task 95		1	0	1
Task 96		1	0	1
Task 97		1	0	1
Task 98		1	0	1
Task 99		1	0	1
Task 100		1	0	1
Task 101		1	0	1
Task 102		1	0	1
Task 103		1	0	1
Task 104		1	0	1
Task 105		1	0	1
Task 106		1	0	1
Task 107		1	0	1
Task 108		1	0	1
Task 109		1	0	1
Task 110		1	0	1
Task 111		1	0	1
Task 112		1	0	1
Task 113		1	0	1
Task 114		1	0	1
Task 115		1	0	1
Task 116		1	0	1
Task 117		1	0	1
Task 118		1	0	1
Task 119		1	0	1
Task 120		1	0	1
Task 121		1	0	1
Task 122		1	0	1
Task 123		1	0	1
Task 124		1	0	1
Task 125		1	0	1
Task 126		1	0	1
Task 127		1	0	1
Task 128		1	0	1
Task 129		1	0	1
Task 130		1	0	1
Task 131		1	0	1
Task 132		1	0	1
Task 133		1	0	1
Task 134		1	0	1
Task 135		1	0	1
Task 136		1	0	1
Task 137		1	0	1
Task 138		1	0	1
Task 139		1	0	1
Task 140		1	0	1
Task 141		1	0	1
Task 142		1	0	1
Task 143		1	0	1
Task 144		1	0	1
Task 145		1	0	1
Task 146		1	0	1
Task 147		1	0	1
Task 148		1	0	1
Task 149		1	0	1
Task 150		1	0	1
Task 151		1	0	1
Task 152		1	0	1
Task 153		1	0	1
Task 154		1	0	1
Task 155		1	0	1
Task 156		1	0	1
Task 157		1	0	1
Task 158		1	0	1
Task 159		1	0	1
Task 160		1	0	1
Task 161		1	0	1
Task 162		1	0	1
Task 163		1	0	1
Task 164		1	0	1
Task 165		1	0	1
Task 166		1	0	1
Task 167		1	0	1
Task 168		1	0	1
Task 169		1	0	1
Task 170		1	0	1
Task 171		1	0	1
Task 172		1	0	1
Task 173		1	0	1
Task 174		1	0	1
Task 175		1	0	1
Task 176		1	0	1
Task 177		1	0	1
Task 178		1	0	1
Task 179		1	0	1
Task 180		1	0	1
Task 181		1	0	1
Task 182		1	0	1
Task 183		1	0	1
Task 184		1	0	1
Task 185		1	0	1
Task 186		1	0	1
Task 187		1	0	1
Task 188		1	0	1
Task 189		1	0	1
Task 190		1	0	1
Task 191		1	0	1
Task 192		1	0	1
Task 193		1	0	1
Task 194		1	0	1
Task 195		1	0	1
Task 196		1	0	1
Task 197		1	0	1
Task 198		1	0	1
Task 199		1	0	1
Task 200		1	0	1
Task 201		1	0	1
Task 202		1	0	1
Task 203		1	0	1
Task 204		1	0	1
Task 205		1	0	1
Task 206		1	0	1
Task 207		1	0	1
Task 208		1	0	1
Task 209		1	0	1
Task 210		1	0	1
Task 211		1	0	1
Task 212		1	0	1
Task 213		1	0	1
Task 214		1	0	1
Task 215		1	0	1
Task 216		1	0	1
Task 217		1	0	1
Task 218		1	0	1
Task 219		1	0	1
Task 220		1	0	1
Task 221		1	0	1
Task 222		1	0	1
Task 223		1	0	1
Task 224		1	0	1
Task 225		1	0	1
Task 226		1	0	1
Task 227		1	0	1
Task 228		1	0	1
Task 229		1	0	1
Task 230		1	0	1
Task 231		1	0	1
Task 232		1	0	1
Task 233		1	0	1
Task 234		1	0	1
Task 235		1	0	1
Task 236		1	0	1
Task 237		1	0	1
Task 238		1	0	1
Task 239		1	0	1
Task 240		1	0	1
Task 241		1	0	1
Task 242		1	0	1
Task 243		1	0	1
Task 244		1	0	1
Task 245		1	0	1
Task 246		1	0	1
Task 247		1	0	1
Task 248		1	0	1