

Group Project: Task 2

CS33901 Software Engineering
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1. Estimated Times Using Planning Poker(1)
2. Individual Estimates before discussion (2)

Final Group Estimates

Feature Name	Design Time(person hours)	Implementation Time(person hours)
CheckID	6	11
CheckClearance	5	9
MonitorDetectors	5	10
DetectBreakIn	10	47
MonitorCheckPoints	7	33
ReportPatrolAnamolies	7	19
LockDownZone	8	25
EvacuateZone	13	33
LogEvents	3	6
ReportToControl	3	15
ResolveViolation	3	5
ResolveAlarm	2	4
RetrievePersonnellInfo	7	15
ManageIDClearance	7	31

List of features along with estimated time to design, and estimated time to implement (In person hours) [Initial estimates]:

- a. CheckId – [2,5] Vanessa[2,6], KM[16,24], Grimes[3, 9], Cameron[4,10], BGrubb[3,6]
- b. CheckClearance – [1,2] {associated with CheckId} Vanessa[2,3], KM[16,24], Grimes[2,4], Cameron[2,5], BGrubb[3,8],
- c. MonitorDetectors - [1,2] Vanessa[3,8]. KM[8,16], Grimes[3, 9], Cameron[5,10], BGrubb[4,6],
- d. DetectBreakIn – 1 {depends on MonitorDetectors} Vanessa[4,72], KM[24,40], Cameron[10, 40], Grimes[5, 40], BGrubb[6,42],
- e. MonitorCheckPoints - [2,4] Vanessa[4,72], KM[16,24], Grimes[4, 32], Cameron[7,21], BGrubb[6,16],
- f. ReportPatrolAnomalies – 1 {depends on MonitorCheckPoints} Vanessa[2,45], KM[16,8], Grimes[3, 24], Cameron[8, 20], BGrubb[6,18],
- g. LockDownZone - 1 Vanessa[3,30], KM[24,24], Grimes[4, 26], Cameron[2,30], BGrubb[6,14],
- h. EvacuateZone - 1 Vanessa[5,50], KM[24,24], Grimes[4, 32], Cameron[24,48], BGrubb[6,12],
- i. LogEvents – [1,2] Vanessa[2,6], KM[4,4], Grimes[3, 8], Cameron[2,5], BGrubb[4,6],
- j. ReportToControl - 1Vanessa[3,36], KM[4,4], Grimes[3, 12], cameron[4,15],BGrubb[3,8]
- k. ResolveViolation – [2,3] Vanessa[1,4], KM[4,4], Grimes[2, 6], Cameron[3,8], BGrubb[3,4]
- l. ResolveAlarm – [1,2] Vanessa[1,4], KM[4,4], Grimes[2, 6], cameron[1,3], BGrubb[2,4]
- m. RetrievePersonnelInfo – [1,2] Vanessa[2,24], KM[24,12],Grimes[3, 12], Cameron[3,18], BGrubb[3,8]
- n. ManageldClearance - 1 Vanessa[4,36], KM[16,24], Grimes[5, 30], cameron[7,40], BGrubb[5,24]