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CSC355 – Software Engineering II

Dr. Hussain

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SAS: Dependencies Chart

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **ID** | **Activity** | **Duration (wks)** | **Effort (pwks)** | **Dependencies** |
| 10 | Plan project | 10 | 30 | - |
| 20 | Collect raw data | 2 | 2 | 10 |
| 30 | Analyze raw data | 4 | 6 | 20 |
| 40 | Create ER diagram | 2 | 4 | 30 |
| 50 | Analyze ER diagram (advising algorithm) | 2 | 2 | 40 |
| 60 | Analyze ER diagram (scheduling algorithm) | 2 | 2 | 40 |
| 70 | Design adviser UI | 6 | 6 | 40 |
| 80 | Design advising algorithm | 6 | 6 | 50 |
| 90 | Design scheduling algorithm | 6 | 6 | 60 |
| 100 | Implement advising algorithm | 4 | 4 | 70 |
| 110 | Implement scheduling algorithm | 3 | 3 | 80 |
| 120 | Implement adviser UI | 6 | 6 | 90 |
| 130 | Test advising algorithm | 6 | 6 | 100 |
| 140 | Test scheduling algorithm | 4 | 4 | 110 |
| 150 | Test adviser UI | 4 | 4 | 120 |
| 160 | Connect modules | 2 | 6 | 130, 140, 150 |
| 170 | Test SAS | 2 | 6 | 160 |
| 180 | Deploy SAS | 2 | 6 | 170 |
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