Ryan O’Connor

Computer Science Project

Dr. Cynthia Howard

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Activity Diagram

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Task** | **Duration** | **Earliest Start** | **Earliest Finish** | **Latest Start** | **Latest Finish** | **Slack** |
| A – Design Web Crawler | 1 day | 0 | 1 day | 0 | 1 day | 0 |
| B – Design Database | 1 day | 0 | 1 day | 1 day | 2 days | 1 day |
| C – Design Web Application | 1 day | 1 day | 2 days | 2 days | 4 days | 2 days |
| D – Design Mobile Application | 4 days | 2 days | 6 days | 4 days | 8 days | 2 days |
| E – Develop Web Crawler | 2 weeks | 1 day | 15 days | 1 day | 15 days | 0 |
| F – Develop Database | 1 week | 1 day | 8 days | 8 days | 15 days | 7 days |
| G – Develop Web Application | 3 weeks | 15 days | 36 days | 15 days | 36 days | 0 |
| H – Develop Mobile App | 4 weeks | 6 days | 34 days | 8 days | 36 days | 2 days |
| I – Test Web Crawler | 4 days | 15 days | 19 days | 36 days | 40 Days | 21 days |
| J – Test Web Application | 4 days | 36 days | 40 days | 36 days | 40 days | 0 |
| K – Test Mobile Application | 4 days | 34 days | 38 days | 36 days | 40 days | 2 days |

Testing and development will be done in an iterative manner.

