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|  | Stage | Hours spent |
|  | Reading requirements | 1 |
|  | Idea formulation | 1 |
|  | Environment set up: WAMP local server | 0.5 |
|  | Idea implementation research (approaches, best practices) | 2 |
|  | Database design (CDM) | 2 |
|  | Structural constraints of the database listing | 1 |
|  | A script to create the tables (SQL) | 2 |
|  | SQL queries to interact with DB | 2 |
|  | DB population | 1 |
|  | GUI development / Front-end: (HTML, CSS, JS) | 10 |
|  | Back-end (PHP, MySQL) | 15 |
|  | Testing | 5 |
|  | Reporting | 1.5 |
|  | Presentation Preparation | 1 |
| Total: | 14 stages | 45 hours |