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| Egypt Future Educational Platform | | | |
| Activity | Description | Preceding Activity | Activity Time |
| A | User Specification | None | 10 Days |
| B | Development Specification | A | 20 Days |
| C | System Design | A, B | 20 Days |
| D | Database Design | A, B, C | 20 Days |
| E | Racks & server setup | D | 5 Days |
| F | Datacenter setup | E | 5 Days |
| G | Install router & switched and connection cables | F | 5 Days |
| H | Configure DNS and Gateway | G | 5 Days |
| I | Website Database And authorization implementation | D | 20 Days |
| J | Website backend Testing & Integrations | I | 20 Days |
| K | Prototype | D | 10 Days |
| L | UI/UX Design | K | 30 Days |
| M | Integrate Frontend with Backend and final testing | J, L | 31 Days |

The critical path is illustrated by red arrows.

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| --- | --- | --- |
| 10 | B | 25 |
| 0 | Development Requirements | |
| 10 | 15 | 25 |

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| --- | --- | --- |
| 50 | D | 75 |
| 0 | **Database Design** | |
| 50 | 25 | 75 |

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| --- | --- | --- |
| 75 | E | 85 |
| 0 | **Rack & server Setup** | |
| 75 | 10 | 85 |

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| --- | --- | --- |
| 85 | F | 100 |
| 0 | **Datacenter Setup** | |
| 85 | 15 | 100 |

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| --- | --- | --- |
| 100 | G | 105 |
| 0 | **Install router, switches & cables** | |
| 100 | 5 | 105 |

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| --- | --- | --- |
| 105 | H | 120 |
| 0 | **Configure DNS & Gateway** | |
| 105 | 15 | 120 |

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| --- | --- | --- |
| 75 | I | 95 |
| 5 | **Website Database And**  **authorization implementation** | |
| 80 | 20 | 100 |

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| --- | --- | --- |
| 95 | J | 115 |
| 5 | **Website backend Testing &**  **Integrations** | |
| 100 | 20 | 120 |

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| --- | --- | --- |
| 120 | M | 151 |
| 0 | **Integrate Frontend with Backend**  **and final testing** | |
| 120 | 31 | 151 |

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| --- | --- | --- |
| 75 | K | 85 |
| 5 | **Prototype** | |
| 80 | 10 | 90 |

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| --- | --- | --- |
| 85 | L | 115 |
| 5 | **UI/UX Design** | |
| 90 | 30 | 120 |

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| --- | --- | --- |
| 25 | C | 50 |
| 0 | System Design | |
| 25 | 25 | 50 |

|  |  |  |  |
| --- | --- | --- | --- |
| 0 | | A | 10 |
| 0 | **User Requirements** | | |
| 0 | | 10 | 10 |