**PROJECT NAME:**

**GROUP NUMBER and MEMBERS:**

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| TASK # | PROJECT TASKS WHICH REQUIRE SOFTWARE TOOL SUPPORT |
| 1 | Database |
| 2 | UI TOOLS |
| 3 |  |

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| SOFTWARE TOOLS FOR TASK 1: DATABASE |
| Tool Cost/Training/Functionality Data   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Tool | Oracle Database | IBM  DB2 | Amazon RDS | Microsoft SQL Server | | Cost | $16,280 | $969 | $6,240 | $15,123 | | Training Days | 14 | 11 | 13 | 17 | | Functionality | 90 | 40 | 75 | 85 |   Normalized Cost/Training/Functionality Data   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Tool | Oracle Database | IBM  DB2 | Amazon RDS | Microsoft SQL Server | | Cost | 100 | 5.95 | 38.31 | 93.44 | | Training Days | 82.35 | 64.71 | 76.47 | 100 | | Functionality | 100 | 44.44 | 83.33 | 94.44 |   Normalized Tool Graph |
| Which tool has been selected? Why?  -The selected tool is Amazon RDS. This choice is based on its scalabiliyt, high availability, managed service features, and cost-effectiveness. Amazon RDS provides the necessary flexibility, security, and efficiency required for the project’s growth and development. |

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| SOFTWARE TOOLS FOR TASK 2: UI TOOLS |
| Tool Cost/Training/Functionality Data   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Tool | Adobe XD | Figma | Axure RP | Sketch | | Cost | 660$ | 540$ | 504$ | 120$ | | Training Days | 23 | 28 | 11 | 7 | | Functionality | 95 | 90 | 80 | 65 |   Normalized Cost/Training/Functionality Data   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Tool | Adobe XD | Figma | Axure RP | Sketch | | Cost | 100 | 81.81 | **76.36** | 18.20 | | Training Days | 82.14 | 100 | **39.28** | 25 | | Functionality | 100 | 85.5 | **76** | 61.75 |   Normalized Tool Graph |
| Which tool has been selected? Why?  -The selected tool is Figma. This choice is based on its cloud-based and collaborative natüre, ease of learning curve, comprehensive functionality, and cost-effectiveness. Figma offers the necessary features to meet the project’s requirements and objectives efficiently, providing the team with collaboration, speed, and flexibility essential for success. |

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| SOFTWARE TOOLS FOR TASK 3: |
| Tool Cost/Training/Functionality Data   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Tool |  |  |  |  | | Cost |  |  |  |  | | Training Days |  |  |  |  | | Functionality |  |  |  |  |   Normalized Cost/Training/Functionality Data   |  |  |  |  |  | | --- | --- | --- | --- | --- | | Tool |  |  |  |  | | Cost |  |  |  |  | | Training Days |  |  |  |  | | Functionality |  |  |  |  |   Normalized Tool Graph |
| Which tool has been selected? Why?  -The selected tool is Visual Studio Code. This choice is based on its broad support and active community, scaability for managing large projects, rapid development capabilities, and cross-platform compatibility, which collectively contribute to enhancing team productıvıty and meeting the project’s requirement effectively. |