Jayam College of Engineering And Technology Dharmapuri - 636813

Department of Computer Science

IBM Naan Mudhalvan – Task Assignment

Team ID: NM2023TMID13273

SB8040 - Professional Readiness for Innovation, Employability and Entrepreneurship

Project Domain: DATA ANALYTIC :: Project Title: The future of work: Data analysis of glassdoor job

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| Team Members | |  | Industry Mentor(s) Name |
| Register No | Name | GAJANAN,SHIVANI |
| 611020104003 | ASHVINTH I |  |
| 611020104045 | SURYA |  |
| 611020104029 | RAMKUMAR | Faculty Mentor |
| 611020104315 | NANDHABALAN | MANJUPRIYA  (Assistant Professor) |
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| Milestones | Activities | Members In charge |
| Setting up application environment | Create Flask project | ASHVINTH I  SURYA  RAMKUMAR  NANDHABALAN |
| Create IBM Cloud Account |
| Install IBM Cloud CLI |
| Docker CLI Installation |
| Create an account in Sendgrid |
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| Implementing Web Application | Create UI to interact with application | ASHVINTH I  SURYA  RAMKUMAR |
| Create IBM DB2 and connect with python |
| Integrate Rapid API |
|  | | |  | NANDHABALAN |
| Deployment of App in IBM Cloud | Containerize the app | ASHVINTH I  SURYA  RAMKUMAR  NANDHABALAN |
| Upload Image to IBM Container Registry |
| Deploy in Kubernetes Cluster |
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| Ideation phase | Literature survey on the selected project & Information Gathering | ASHVINTH I  SURYA  RAMKUMAR  NANDHABALAN |
| Prepare Empathy Map | ASHVINTH I  SURYA  RAMKUMAR  NANDHABALAN |
| Ideation | ASHVINTH I  SURYA  RAMKUMAR  NANDHABALAN |
| Project Design Phase – I | Proposed Solution | ASHVINTH I  SURYA  RAMKUMAR  NANDHABALAN |
| Problem Solution Fit | ASHVINTH I  SURYA  RAMKUMAR  NANDHABALAN |
| Solution Architecture | ASHVINTH I  SURYA  RAMKUMAR  NANDHABALAN |
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| Project Design Phase -II | Customer Journey | ASHVINTH I  SURYA |
| Functional Requirement | RAMKUMAR  NANDHABALAN |
| Data flow diagrams | ASHVINTH I  SURYA |
| Technology Architecture | RAMKUMAR  NANDHABALAN |
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| Project Planning Phase | Prepare Milestone & Activity List | ASHVINTH I  SURYA |
| Sprint Delivery Plan | RAMKUMAR  NANDHABALAN |
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| Project Development Phase | Project Development - Delivery -1 | ASHVINTH I  SURYA |
| Project Development - Delivery -2 | RAMKUMAR  NANDHABALAN |
| Project Development - Delivery -3 | ASHVINTH I  SURYA |
| Project Development - Delivery -4 | RAMKUMAR  NANDHABALAN |