

Milestone and activity list

Date	22 October 2022
Team ID	PNT2022TMID49831
Project Members	Shakti G, Veeralakshmi M, Swedha S, Jeyabharathi Jesintha S
Project Name	Corporate Employee Attrition Analytics
Project mentors	Industry mentor – Shanawaz Anwar Faculty mentor – Sumilda Merlin

Activity number	Activity name	Detailed activity description	Assigned to
1	Preparation Phase	<ul style="list-style-type: none"> Access the resources (courses) in project dashboard Access the guided project workspace Create GitHub account & collaborate with Project Repository in project workspace Set-up the Laptop / Computers based on the prerequisites for each technology track 	Shakti G, Veera Lakshmi M Swedha S, Jeyabharathi jesintha S
2	Solution requirements	<ul style="list-style-type: none"> Identify the functional and non functional requirements Analyse and finalize the appropriate requirements 	Jeyabharathi jesintha S
3	IBM Cognos Analytics	<ul style="list-style-type: none"> Create IBM Cognos Analytics account Working in cognos for upload, prepare and explore the dataset 	Shakti G
4	Ideation Phase		
4.1	Literature survey	Literature survey on the selected project & Information Gathering	Shakti G

4.2	Empathy Map	Preparation of Empathy Map Canvas to capture the user Pains & Gains	Veera Lakshmi M
4.3	Brainstorm & idea prioritization	List the ideas by organizing the brainstorming session and prioritize the top 3 ideas based on the feasibility & importance	Jeyabharathi Jesintha S

Activity number	Activity name	Detailed activity description	Assigned to
5	Project Design phase I		
5.1	Proposed Solution	Preparation of proposed solution document, social impact, scalability of solution	Swedha S
5.2	Problem Solution Fit	Prepared problem is analyzed and make effective solutionsfor the problem	Shakti G
5.3	Solution Architecture	Prepare an architecture for solution	Jeyabharathi Jesintha S
6	Project Design Phase-II		
6.1	Customer Journey	Preparation of customer journey maps to understand the user interactions & experiences with the application (entry to exit)	Veera Lakshmi M
6.2	Data Flow Diagrams	Prepare a Data Flow Diagram for Project use level0 (Industry Standard)	Shakti G
6.3	Technology Architecture	Prepare Technology Architecture of the solution	Jeyabharathi Jesintha S
6.4	Functional Requirements	Prepare a Functional Rquirements of the solution	Swedha S
7	Project PlanningPhase		
7.1	Milestones & Tasks	Prepare Milestone & Activity List	Veera Lakshmi M
7.2	Sprint Schedules	Prepare Sprint Delivery Plan	Swedha S

Activity number	Activity name	Detailed activity description	Assigned to
8	Data visualization charts		
8.1	<ul style="list-style-type: none"> Attrition based on business travel Attrition based on employee working groups 	<p>Prepare a data visualization chart attrition based on business travel</p> <p>Prepare a data visualization chart attrition based on employee working groups</p>	Veera Lakshmi M
8.2	<ul style="list-style-type: none"> Attrition based on salary hike percent Dashboard Attrition Status 	<p>Prepare a data visualization chart attrition based on salary hike percent</p> <p>Prepare a data visualization chart on Dashboard</p> <p>Prepare a data visualization chart on attrition status</p>	Swedha S
8.3	<ul style="list-style-type: none"> Attrition based on number of companies worked 	Prepare a data visualization chart attrition based on number of companies worked	Shakti G
8.4	<ul style="list-style-type: none"> Attrition based on monthly income group Attrition based on department, job role, education, marital status 	<p>Prepare a Data visualization chart attrition based on Monthly income group</p> <p>Prepare a data visualization chart attrition based on department, job role, education, marital status</p>	Jeyabharathi Jesintha S

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9	Working with dataset		
9.1	Understanding the Dataset	Preparation of dataset for better understanding	Shakti G
9.2	Loading the dataset	Preparation of loading the dataset	Jeyabharathi jesintha S
9.3	Prepare the dataset	Prepare the required dataset	Shakti G
10	Project Development Phase		
10.1	Coding & Solutioning	Sprint-1 Delivery: Develop the Code, Test and push it to GitHub.	Shakti G
10.2	Acceptance Testing	Sprint-2 Delivery: Develop the Code, Test and push it to GitHub. Sprint-3 Delivery: Develop the Code, Test and push it to GitHub.	Jeyabharathi Jesintha S, Veera Lakshmi M
10.3	Performance Testing	Sprint-4 Delivery: Develop the Code, Test and push it to GitHub.	Swedha S

Milestone with timeline chart:

