

PROJECT PLANNING PHASE

PROJECT PLANNING (MILESTONES & ACTIVITY LIST)

<u>DATE</u>	<u>05 NOVEMBER 2022</u>
<u>TEAM ID</u>	<u>PNT2022TMID46339</u>
<u>PROJECT NAME</u>	<u>SMART FASHION RECOMMENDER APPLICATION</u>

REMAINING TASKS (MILESTONES & ACTIVITIES) TO BE COMPLETED

<u>MILESTONES</u>	<u>ACTIVITIES</u>	<u>DESCRIPTION</u>
<u>SETTING UP APP ENVIRONMENT</u>	<u>CREATE FLASK PROJECT</u>	<u>CREATING FLASK APP FOR THE PROJECT</u>
	<u>CREATE IBM CLOUD ACCOUNT</u>	<u>SIGNUP FOR AN IBM CLOUD ACCOUNT</u>
	<u>INSTALL IBM CLOUD CLI</u>	<u>INSTALL IBM COMMAND LINE INTERFACES</u>
	<u>DOCKER CLI INSTALLATION</u>	<u>INSTALLING DOCKER CLI ON LAPTOP</u>
	<u>CREATE AN ACCOUNT IN SENDGRID</u>	<u>CREATE AN ACCOUNT IN SENDGRID. USE THE SERVICE AS EMAIL INTEGRATION TO OUR APPLICATION FOR SENDING EMAILS</u>
<u>IMPLEMENTING WEB APPLICATION</u>	<u>CREATE UI TO INTERACT WITH APPLICATION</u>	<u>CREATE UI</u> <u>REGISTRATION PAGE</u> <u>LOGIN PAGE</u> <u>VIEW PRODUCTS PAGE</u> <u>ADD PRODUCTS PAGE</u> <u>TRACKING ALL THE ORDER PLACED</u> <u>INTERGRATE CHATBOT WITH A WEBPAGE</u>
	<u>CREATE IBM DB2 & CONNECT WITH PYTHON</u>	<u>CREATE IBM DB2 SERVICE IN IBM CLOUD AND CONNECT WITH PYTHON CODE WITH DB</u>
<u>INTEGRATING SENDGRID SERVICE</u>	<u>SENDGRID INTEGRATION WITH PYTHON</u>	<u>TO SEND EMAILS FORM THE APPLICATION WE NEED TO INTEGRATE THE SENDGRID SERVICE</u>
<u>DEVELOPING A CHATBOT</u>	<u>BUILDING A CHATBOT AND INTEGRATE TO APPLICATION</u>	<u>BUILD THE CHATBOT AND INTEGRATE IT TO THE FLASK APPLICATION</u>
<u>DEPLOYMENT OF APP IN IBM CLOUD</u>	<u>CONTAINERIZE THE APP</u>	<u>CREATE A DOCKER IMAGE OF YOUR APPLICATION AND PUSH IT TO THE IBM CONTAINER REGISTRY</u>
	<u>UPLOAD IMAGE TO IBM CONTAINER REGISTRY</u>	<u>UPLOADTHE IMAGE TO IBM CONTAINER REGISTRY</u>

	<u>DEPLOY IN KUBERNETES CLUSTER</u>	<u>ONCE THE IMAGE IS UPLOADED TO IBM CONTAINER REGISTRY DEPLOY THE IMAGE TO IBM KUBERNETES CLUSTER</u>
<u>PROJECT DEVELOPMENT PHASE</u>	<u>DELIVERY OF SPRINT – 1,2,3,4</u>	<u>TO DEVELOP THE CODE AND SUBMIT THE DEVELOPED CODE BY TESTING IT</u>

FINISHED TASKS (MILESTONES & ACTIVITIES)

<u>MILESTONES</u>	<u>ACTIVITIES</u>	<u>DESCRIPTION</u>
<u>IDEATION PHASE</u>	<u>LITERATURE SURVEY</u>	<u>LITERATURE SURVEY ON THE SELECTED PROJECT & INFORMATION GATHERING</u>
	<u>EMPATHY MAP</u>	<u>PREPARE EMPATHY MAP TO CAPTURE THE USER PAINS & GAINS, PREPARE LIST OF PROBLEM STATEMENT</u>
	<u>IDEATION</u>	<u>ORGANIZING THE BRAINSTORMING SESSION & PRIORITISE THE TOP 3 IDEAS BASED ON FEASIBILITY & IMPORTANCE</u>
<u>PROJECT DESIGN PHASE I</u>	<u>PROPOSED SOLUTION</u>	<u>PREPARE PROPOSED SOLUTION DOCUMENT WHICH INCLUDES NOVELTY, FEASIBILITY OF IDEAS, BUSINESS MODEL, SOCIAL IMPACT, SCALABILITY OF SOLUTION</u>
	<u>PROBLEM SOLUTION FIT</u>	<u>PREPARE PROBLEM SOLUTION FIT DOCUMENT</u>
	<u>SOLUTION ARCHITECTURE</u>	<u>PREPARE SOLUTION ARCHITECTURE DOCUMENT</u>
<u>PROJECT DESIGN PHASE II</u>	<u>CUSTOMER JOURNEY</u>	<u>PREPARE CUSTOMER JOURNEY MAP TO UNDERSTAND THE USER INTERACTIONS & EXPERIENCE WITH THE APPLICATION</u>
	<u>FUNCTIONAL REQUIREMENT</u>	<u>PREPARE FUNCTIONAL & NON FUNCTIONAL REQUIREMENT DOCUMENT</u>
	<u>DATA FLOW DIAGRAM</u>	<u>PREPARE DATA FLOW DIAGRAM AND USER STORIES</u>

	<u>TECHNOLOGY ARCHITECTURE</u>	<u>DRAW THE TECHNOLOGY ARCHITECTURE DIAGRAM</u>
<u>PROJECT PLANNING PHASE</u>	<u>MILESTONES & ACTIVITY LIST</u>	<u>PREPARE MILESTONES AND ACTIVITY LIST OF THE PROJECT</u>
	<u>SPRINT DELIVERY PLAN</u>	<u>PREPARE SPRINT DELIVERY PLAN</u>