

Project Management Document

Data Analytics Platform



Prepared by Group : 12

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Reporting TA: Anshul Bhaware (202117003)

Date: April 01, 2022

Version 1.0

Start Date: March 7, 2022 End Date: May 13, 2022

1. Activity list (Estimate time for each activity. Mention probable dates.)

Activity	Estimate time/dates
Reading relevant background information	March 08, 2022 - March 15, 2022
Understanding and documenting the requirements	March 16, 2022 - March 22, 2022
Discussions	March 23, 2022 - March 24, 2022
Designing a solution, documentation	March 25, 2022 - March 31, 2022
Relevant learning	April 01, 2022 - April 07, 2022
Coding and unit testing	April 07, 2022 - April 20, 2022
Documentation	April 21, 2022 - April 23, 2022
Testing	April 24, 2022 - April 25, 2022
Reviews	April 26, 2022 - April 28, 2022
Re-work and debugging	April 29, 2022 - May 07, 2022

2. Project Plan: For each activity, your estimated start date, end date, responsible person(s).

Activity	Estimate time/dates	Responsible Person
Reading relevant background information	March 08, 2022 - March 15, 2022	Kamal Tulsiyani Meet Mungra Bhavya Solanki Gautam Ajugiya Shyam Butani Vin Patel
Understanding and documenting the requirements	March 16, 2022 - March 22, 2022	Kamal Tulsiyani Meet Mungra Bhavya Solanki Vin Patel
Discussions	March 23, 2022 - March 24, 2022	Kamal Tulsiyani Meet Mungra Bhavya Solanki Gautam Ajugiya Shyam Butani Vin Patel
Designing a solution, documentation	March 25, 2022 - March 31, 2022	Gautam Ajugiya Shyam Butani
Relevant learning	April 01, 2022 - April 07, 2022	Kamal Tulsiyani Bhavya Solanki Gautam Ajugiya Shyam Butani Vin Patel
Coding and unit testing	April 07, 2022 - April 20, 2022	Kamal Tulsiyani Meet Mungra Bhavya Solanki Gautam Ajugiya Shyam Butani Vin Patel
Documentation	April 21, 2022 - April 23, 2022	Kamal Tulsiyani Meet Mungra

		Bhavya Solanki
Testing	April 24, 2022 - April 25, 2022	Gautam Ajugiya Shyam Butani
Reviews	April 26, 2022 - April 28, 2022	Kamal Tulsiyani Meet Mungra Bhavya Solanki Vin Patel
Re-work and debugging	April 29, 2022 - May 07, 2022	Gautam Ajugiya Shyam Butani

3. Testing Strategy:

(a) For each requirement, test transactions, expected results

requirement	test transactions	expected results
User login and verification	<ul style="list-style-type: none"> - Login id should be match in user database - Password should be match in user database 	After successful verification of user id and password , user should be logged to home page automatically
Business strategy report generation	<ul style="list-style-type: none"> - Successful submission of input file - High accurate prediction - Simplified report should be generated for data 	Software should generate report which gives meaningful strategies and not garbage report
Online Payment and software paid subscription	<ul style="list-style-type: none"> - Use various platforms for transactions 	Transactions should be successful in every platform

Schedule: 24 April

Responsible Person: Gautam Ajugiya

(b) Test cases for the design

- Few different id passwords for login feature testing
- Dummy data generated from website will be used as test cases for strategy report generation feature
- Dummy transactions will be performed for online payment verification

Schedule: 24 April

Responsible Person: Meet Mungra, Bhavya Solanki

(c) Test cases & expected results for integration

i. Module integration

- Whole flow will be tested with dummy user (virtual user)

Schedule: 25 April

Responsible Person: Vin patel

ii. User Interface integration

- Prototype testing will be done for user interface validation
- Different selected users will perform prototype testing

Schedule: 25 April

Responsible Persons: Kamal Tulsiyani, Shyam Butani

(d) Test data, expected results for unit testing

Test data:

<https://github.com/Analytica-DAIICT/Analytica/tree/main/Testing%20data>

Expected Results:

<https://github.com/Analytica-DAIICT/Analytica/tree/main/Testing%20-%20Expected%20Output>