Software Documentation for the Planning and Development Management System

Product Name: P & D Management System

Release Version:

Testing Started:

Testing Completed:

Technical Lead:

Product Owner: BBA

Primary Tester:

Developer:

Types of Test Performed:

Browser Tested:
1. Chrome
2. Mozilla Firefox

Device Tested:
1. Desktop
2. Laptop
3. Tab
4. Smartphone

Instance Tested:
1. Development
2. Testing
3. Production
4. UAT

Table of Contents

Revision History

Date	Version	Description	Author

Design Specification

Overview:

Planning and development management system is one of the vital part of management control system (MCS). Both Back-end and Front-end server manages the implementation of planning and development design of a software system. Client and server side management system make sure the whole things more user friendly.

The Back-end part:

1. Node.js

2. Database → Oracle

3. MS Server Version 2.0

The Front-end part:

1. React.js

2. Bootstrap

3. Domain → Friendly

Abstract

Development planning happens in many different contexts so to define it succinctly is tricky. Basically development planning refers to the strategic measurable goals that a person, organization or community plans to meet within a certain amount of time. Usually the development plan includes time-based benchmarks. It generally also includes the criteria that will be used to evaluate whether or not the goals were actually met. To fulfill requirement our aim is to design such software that performs development & planning.

Chapter-1: Introduction

In this chapter we will focus on the status of the current management system and some of the goals for the progress of this system. That is why we will continue to move towards the future by overviewing some current systems. In the following sections, these terms have been discussed in details.

1.1 Review of the Planning and development management System

Planning can be defined as "thinking in advance what is to be done, when it is to be done, how it is to be done and by whom it should be done". In simple words we can say, planning bridges the gap between where we are standing today and where we want to reach.

Planning involves setting objectives and deciding in advance the appropriate course of action to achieve these objectives so we can also define planning as setting up of objectives and targets and formulating an action plan to achieve them.

Another important ingredient of planning is time. Plans are always developed for a fixed time period as no business can go on planning endlessly.

1.2 Motivation

Development is a process that creates growth, progress, positive change or the addition of physical, economic, environmental, social and demographic components. The purpose of development is a rise in the level and quality of life of the population, and the creation or expansion of local regional income and employment opportunities, without damaging the resources of the environment. Development is visible and useful, not necessarily immediately, and includes an aspect of quality change and the creation of conditions for a continuation of that change.

1.3 Aims and Objective

Our aims is to achieve a good transport system that has ability to fulfill our requirements.
- ✓ Platform Independent
- ✓ Auto Synchronizing
- ✓ Friendly Environment
- ✓ Domain and Hosting
- ✓ Generate Each section Report
- ✓ Multi-functionality
- ✓ Feasibility study, construction data, O & M data management
- ✓ PPP cell generate & FCP control

1.4 Solution Methodology

- ➢ Design Settings with Feasibility, Construction & Project management
- ➢ Design upcoming, ongoing projects
- ➢ Design pipeline, ppp cell, FAQ

Chapter - 2. Background Study

2.1 Planning and development

Development planning is the act of making plans related to socio-economic activities to meet certain objectives of a person or a household or an institution or the country.
Planning is concerned with predetermined course of action. It provides the directions to the efforts of employees. Planning makes clear what employees have to do, how to do, etc. By stating in advance how work has to be done, planning provides direction for action.

2.2 Why should we use this software system ?

The purpose of this software is to define the functionality and specifications of the design of a web application for Managing planning and development. The expected audiences of this software system are the developers and the admin of the web application. Now with the help of this system the admin has the information on his finger tips and can easily prepare a good record based on their requirements. Finally, we can say that this system will not only automate the process but save the valuable time of the manager or the admin, which can be well utilized buy his institute. This will be an additional advantage and management of power based on their free time from his normal duty.

2.3 User Experience

This software system is built keeping in mind that it is to be used by only one user that is the admin.

2.4.4 Benefits

➔ Save time - Manually it takes a lot of time while storing the lease information
➔ Resources - except this software system, the gathering of lease information will be difficult as there need a lot of man power resources in rural and urban areas.
➔ Reusable - the system can be reused in the similar types of management.
➔ It is cost effective as the user control the web application himself and does not go for professional service.
➔ It saves time as it speeds up every aspect of the employee database management and payroll process with a range of automated features.
➔ Validating procedures and checks restrict user from making mistakes.
➔ The software is easy to use and is user friendly so no expertise is required.
➔ The calculations are automated so no chance of error.

2.4.5 Role of the Planning and development

Development Planning is the creation of measurable goals to support an employee's career. This includes defining how to achieve a goal and the time frame within which this should be done. Managers work with employees to document both their career goals and their personal goals.

2.4.6 Impact of the Planning and development

Development is about growth and helping to grow different aspects, as together they create further growth. Development is vital in today's society as it affects every aspect in everyday life. Certain factors have a huge influence on development or the lack thereof the need to improve development.

2.4.7 Report & Analysis

The software system has been developed to overcome the problems faced in the practicing of manual system. This software is built to eliminate and in some cases reduce the hardships faced by the existing system. Moreover this system is designed for particular need of the company to carry out its operations in a smooth and effective manner. This web application is reduced as much as possible to avoid errors while entering data. It also provides error message while entering invalid data. It is user-friendly as no formal knowledge is required to use the system.

2.5 Planning and development main modules

The following features are the main things of account and budget management system.
1. Dashboard
    a) Feasibility Study
    b) Ongoing Projects
    c) Operations and maintenance
2. Feasibility Study
3. Ongoing Projects
4. Pipeline
5. Project Progress
6. O & M
7. PPP Cell
8. FAQ
9. Settings
    a) FCP
    b) Component data
    c) Project data

Chapter – 3: Software Requirement Analysis

3.1 Introduction

A software requirement is a field within software engineering that deals with establishing the needs of stakeholders that are to be solved by software. The IEEE Standard Glossary of Software Engineering Terminology defines requirements.

3.2 Problem Analysis

The process of manually designing plan causes some problems in the management. Problems faced by several section today are:

1. A large number of company employees who constantly growing raises planning becomes longer and not effective.
2. The possibility of human error while designing the development planning
3. To search for data takes a long time because data is not stored properly.

3.3 Requirement

The Planning and development Management System Requirements provides high-level of functional requirements.

3.4 Software Requirement Specifications

➢ Documentation (user and administration)
➢ Operational behavior
➢ Technical Support

3.4.1 SRS Scopes

The planning and development system is part of the management system. Activities carried out from the development planning system are processes of data from the BBA management control system.

3.4.2 Functional Requirements

Every section has a specific functionality that's are given below:
• Login Functionality
• Report – download a copy of corresponding section
• FCP functionality

3.4.3 Non-functional Requirement

For an specific criteria, there should be applied non-functional requirements which are shortly described below:

Reliability
The operational interface can't fail within a period of time.

Availability
The system is available or not while a user wants access the information.

Security

All user can login to the system with secured procedure. Each user has a unique identification system. Admin can store user's login information.

Maintainability
All source code and related document should be controlled under a version of the system.

Portability
As the software run into several platform, the platform independence should be ensure. Different OS can access the software easily.

Usability
The Software should be easy to use and given a positive experience by the user's.

3.5 Interface Requirement

Computer system including software and hardware can turn the system on by interfacing them with human thought.

3.5.1 User Interface

1. Login Screen
2. Home Screen
3. FCP screen view
4. project pipeline
5. generating each functionality

3.5.2 Hardware Interface

◆ Server Configuration

◆ CPU/Processor

◆ Windows with apache preloaded

◆ Client Configuration

3.5.3 Software interface

- OS = Windows, Linux

- Language = PHP, JS

- DB = Oracle

3.5.4 Communication Interface

These interfaces include E-mail, Web Browser, Server Network and use http or ftp for

security purposes.

3.6 SRS table

It describes necessary behavior of the software system and shows in the table

S.No.	Requirement Name	Requirement Classified
1.	**Feasibility Study**	
2.	Create	
3.	Manage	
4.	**On going projects**	
5.	Create	
6.	Manage	
7.	**Pipeline**	
8.	Create	
9.	Manage	
10.	**Project Progress**	
11.	Create	
12.	Manage	
13.	Photo Gallery	
14.	**Operation & Maintenance**	
15.	Create	
16.	Manage	
17.	**PPP Cell**	
18.	About PPP Cell	
19.	Upcoming PPP project	
20.	Ongoing PPP project	
21.	**FAQ**	
22.	Create	
23.	**Settings**	
24.	FCP	
25.	Component data	
26.	Project data	

3.6 Report Analysis

Independent to each other. At the end of the phase, the document of the requirement will be provided.
Priority Checklist
- ➤ Level-1**:** Must Be Performed
- ➤ Level-2: Must be perform for next level

➤ Level -3: Not Mandatory

SI.No.	Requirement Name	Functional/Non-functional	Priority
1.	**Dashboard**	Non-functional	3
2.	**Feasibility Study**	Non-functional	2
3.	Create	Functional	1
4.	Manage	Functional	1
5.	**On going projects**	Non-Functional	2
6.	Create	Functional	1
7.	Manage	Functional	1
8.	**Pipeline**	Functional	2
9.	Create	Functional	1
10.	Manage	Functional	1
11.	**Project Progress**	Non-Functional	2
12.	Create	Functional	1
13.	Manage	Functional	1
14.	Photo Gallery	Functional	1
15.	**Operation & Maintenance**	Non-Functional	2
16.	Create	Functional	1
17.	Manage	Functional	1
18.	**PPP Cell**	Non-Functional	2
19.	About PPP Cell	Functional	1
20.	Upcoming PPP project	Functional	1
21.	Ongoing PPP project	functional	1
22	**FAQ**	Non-Functional	2
23	Create	Functional	1
24	**Settings**	Functional	2
25	FCP	Functional	1
26	Component data	Functional	1
27	Project data	Functional	1
28	Reliability	Non-functional	1
29	Availability	Non-functional	1
30	Security	Non-functional	1
31	Maintainability	Non-functional	1
32	Portability	Non-functional	1

33	Usability	Non-functional	1
34	Database	Functional	1

Chapter – 4: System Design

4.1 Algorithm Design

STEP – 1: START

STEP – 2: CHECK Authentication

STEP – 3: CALL Fun(X)

STEP – 4: if(X = 'Feasibility Study')

    SELECT Y

    if(Y = 'Create')

     ADD feasibilityStudy

    if(Y = 'Manage')

     SHOW feasibilityStudy

  if(X = 'On Going Projects')

    SELECT Y

    if(Y = 'Create')

     ADD newConstruction

    if(Y = 'Manage')

     SHOW constructionData

  if(X = 'Pipeline')

    SELECT Y

    if(Y = 'Create')

     ADD newPipeline

    if(Y = 'Manage')

     SHOW pipelineData

  if(X = 'Project Progress')

    SELECT Y

    if(Y = 'Create')

     ADD projectDetails

    if(Y = 'Manage')

     SHOW projectDetails

if(X = 'PPP cell')

  SELECT Y

  if(Y = 'About PPP cell')

  SHOW pppCell

  if(Y = 'Upcoming PPP project')

    SELECT Z

    if(Y = 'Create')

     ADD pppProject

    if(Y = 'Manage')

     SHOW pppProject

  if(Y = 'On Going PPP project')

    SELECT Z

    if(Y = 'Create')

     ADD pppProject

    if(Y = 'Manage')

     SHOW pppProject

if(X = 'FAQ')

  SELECT Y

  if(Y = 'Create')

  ADD data

  SHOW faqPlace

if(X = 'Settings')

  SELECT Y

  if(Y = 'FCP')

  ADD data

  SHOW data

  if(Y = 'Component Data')

```
        if(Y = 'Photo Gallery')                    ADD comdata
          ADD data                                  SHOW comdata
        SHOW photoGallery                         if(Y = 'Project Data')
if(X = 'O & M')                                    ADD projdata
          SELECT Y                                  SHOW projdata
        if(Y = 'Create')              STEP – 5:  SHOW dashboard
             ADD omData               STEP – 6: END
        if(Y = 'Manage')
             SHOW omData
```
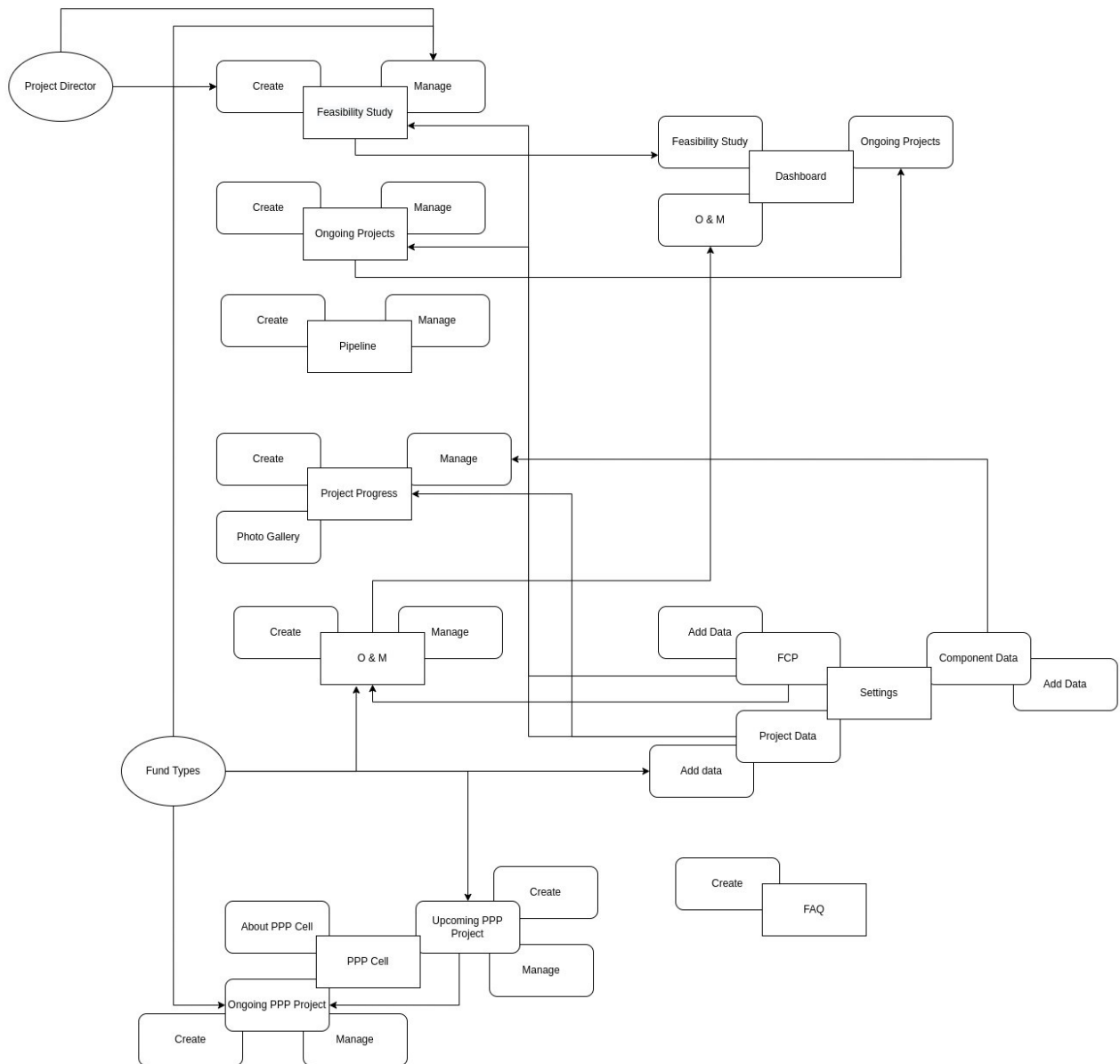
4.2 Process Flow Diagram

4.3 Data Flow Diagram

Project Director

Create — Manage
Feasibility Study

Create — Manage
Ongoing Projects

Create — Manage
Pipeline

Create — Manage
Project Progress

Photo Gallery

Create — Manage
O & M

Fund Types

Feasibility Study — Ongoing Projects
Dashboard
O & M

Add Data
FCP

Settings

Component Data
Add Data

Project Data

Add data

Create
Upcoming PPP Project
Manage

About PPP Cell
PPP Cell

Create
Ongoing PPP Project
Manage

Create
FAQ

Chapter – 5: Testing Documentation

5.1 Introduction

The Test Plan is designed to prescribe the scope, approach, resources, and schedule of all testing activities of the transport Management System of BBA. The plan identify the items to be tested, the features to be tested, the types of testing to be performed, the personnel responsible for testing, the resources and schedule required to complete testing, and the risks associated with the plan.

5.2 Scopes

1. In scope:

Name	Applicable Roles	Description
Feasibility Study	Admin	Describe the feasibility of the project
On going projects	Admin	This section can describe the On going projects details
Pipeline	Admin	Additional project pipeline will be added
Project Progress	Admin	All progress report of project are described in this section
Operation & Maintenance	Admin	Operating any project or maintain another things related to the corresponding system describe the details information
PPP Cell	Admin	Partnership among the public or private create the whole things easier to understand
FAQ	Admin	Recent question by others is answered in this section
Settings	Admin	FCP and others relevant data is described here

2. Out scope

- User Interface (UI)
- Hardware
- System security and performance

5.3 Quality Objective

The test objectives are to verify the Functionality of the Planning and development management System. The project should focus on testing the planning and development to guarantee all these operation can work normally in real business environment.

5.4 Testing Methodology

5.4.1 Model

- **Waterfall model** – a dynamic approach where each step depends on the previous one, where the developers follow some sequence of steps progressively downwards forwards to achieve the goal. It is like a waterfall approach containing several phases.

5.4.2 Strategies

• Tester has access to the full view of code.
• It is known as transparent or glass box testing
• Avoiding errors and wasting time at an early stage
• White box testing contains various tests -
    (a) Basic Path testing
    (b) Loop testing
    (c) Condition testing
    (d) Memory perspective testing
    (e) Performance testing

5.4.3 Levels

- Integration testing
- System testing
- Cross Browser Compatibility testing
- User Acceptance Test (UAT)
- API testing

5.4.4 Test Deliverables

(a) Before Testing
- Test plans document
- Test case document

(b) After Testing
- Test Results/reports
- Defect Report
- Installation/ Test procedures guidelines

5.4.5 Tools

No.	Resources	Description
1.	Server	Oracle Database Server
2.	Network	LAN line.

3.	Computer	PC and other OS configuration

5.5 Test Cases with Result

Test Scenario 1: Dashboard

1. Feasibility Study

Feasibility View Report

P and D Report

Feasibility Study Name	কালাবদর ও তেঁতুলিয়া নদীর উপর দিয়ে বরিশাল-ভোলা রোডে ভোলা সেতু
Report Status	ACTIVE
Feasibility Study Photo	
Feasibility Date	2022-4-26
Feasibility Time	14:10
Budget	Tk
Source Of Fund	

Honorable Minister

Mr. Obaidul Quader

Project Director

photo

Report Name	Report File	Submit Date
Interim Report	View	

Feasibility Study Name * : কালাবদর ও তেঁতুলিয়া নদীর উপর দিয়ে বরিশাল-ভোলা রোডে ভোলা সেতু

Feasibility Study Photo * : Choose File No file chosen

Report Status * : Active

Interim Report

Report File	Submit Date
Choose File No file chosen	mm/dd/yyyy

Inception Report

Inception File	Submit Date
Choose File No file chosen	mm/dd/yyyy

Draft Report

Draft File	Submit Date
Choose File No file chosen	mm/dd/yyyy

Lap Rap Report

Lap Rap Report	Submit Date
Choose File No file chosen	mm/dd/yyyy

Final Report

Final Report	Submit Date
Choose File No file chosen	mm/dd/yyyy

Source Of Fund :

Budget :

Project Director : Choose...

Update Feasibility Study	Delete

Positive test case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	Feasibility Study data	Click view more to see all Feasibility Study data	Displayed	All information are present	P

2	Feasibility View Report	Click view to see detailed information	Displayed	All information are present	P
3	Update Feasibility Study	Click update to update existing data	Update the existing database	No error while updating	P

Negative Test Case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	Feasibility Study data	Data should be perfectly displayed	Perfectly executed	No error	P
2	Feasibility View Report	All information should be perfectly displayed	Perfectly executed	No error	P
3	Update Feasibility Study	Current information should be replaced by existing information	updated	No error	P

2. On going projects

On Going Projects

গ্রেটার ঢাকা সাসটেইনেবল আরবান ট্রান্সপোর্ট প্রকল্প

Project Value :	100000
Progress :	20
Commencement :	2022-04-12
Completion :	2022-04-07

Monthly Project Reporting 👁

কর্ণফুলী নদীর তলদেশে বঙ্গবন্ধু টানেল নির্মাণ

Project Value :	2000000
Progress :	25
Commencement :	2022-02-23
Completion :	2022-02-26

Monthly Project Reporting 👁

পদ্মা বহুমুখী সেতু নির্মাণ প্রকল্প

Project Value :	200000000
Progress :	80
Commencement :	2022-02-10
Completion :	2022-02-23

Monthly Project Reporting 👁

ঢাকা এলিভেটেড এক্সপ্রেসওয়ে প্রজেক্ট

Project Value :	1000000
Progress :	10
Commencement :	2022-02-17
Completion :	2022-02-14

Monthly Project Reporting 👁

ঢাকা-আশুলিয়া এলিভেটেড এক্সপ্রেসওয়ে প্রকল্প

Project Value :	10000
Progress :	20
Commencement :	2022-04-25
Completion :	2022-04-25

Monthly Project Reporting 👁

ঢাকা শহরে সাবওয়ে নির্মাণে সম্ভাব্যতা সমীক্ষা প্রকল্প

Project Value :	10000
Progress :	30
Commencement :	2022-04-24
Completion :	2022-04-26

Monthly Project Reporting 👁

কচুয়া-বেতাগী সড়কে পায়রা নদীর উপর সেতু নির্মাণ প্রকল্প

Project Value :	100000
Progress :	40
Commencement :	2022-04-14
Completion :	2022-04-25

Monthly Project Reporting 👁

ভুলতা-আড়াইহাজার-বাঞ্ছারামপুর সড়কে মেঘনা নদীর উপর সেতু নির্মাণ

Project Value :	100000
Progress :	58
Commencement :	2022-04-01
Completion :	2022-04-25

Monthly Project Reporting 👁

Construction Data

Search [   ]

S/N	Project	Value	Progress	Commencement	Completion	Remaining	Action
1	সাপোর্ট টু ঢাকা এলিভেটেড এক্সপ্রেসওয়ে প্রজেক্ট	100000000	50%	2022-04-30	2022-04-22	8	⋮
2	সাসেক সড়ক সংযোগ প্রকল্প-II (এলেঙ্গা-হাটিকামরুল-রংপুর মহাসড়ক চার লেনে উন্নীতকরণ)	10000000	40%	2022-04-14	2022-04-21	7	⋮
3	ভুলতা-আড়াইহাজার-বাঞ্ছারামপুর সড়কে মেঘনা নদীর উপর সেতু নির্মাণ	100000	58%	2022-04-01	2022-04-25	24	⋮
4	গ্রেটার ঢাকা সাসটেইনেবল আরবান ট্রান্সপোর্ট প্রকল্প	100000	20%	2022-04-12	2022-04-07	5	⋮
5	পঞ্চবটি-মুক্তারপুর সড়ক প্রশস্তকরণ ও দোতলা রাস্তা নির্মাণ	1000000	45%	2022-04-04	2022-04-30	26	⋮
6	কচুয়া-বেতাগী সড়কে পায়রা নদীর উপর সেতু নির্মাণ প্রকল্প	100000	40%	2022-04-14	2022-04-25	11	⋮

Update Construction

Project Name *
[সাপোর্ট টু ঢাকা এলিভেটেড এক্সপ্রেসওয়ে প্রজেক্ট]

Project Value *
[100000000]

Progress *
[50]

Commencement *
[04/30/2022]

Completion *
[04/22/2022]

Project Photo
[Choose File | No file chosen]

Status *
[Active]

[Update] [Delete]

Monthly Project Report Upload

Month
[Select Month ▾]

Year
[Enter Year]

Update Report Document
[Choose File | No file chosen]

[💾 Save]

Monthly Project Report

Month	Document

Construction View Report

P&D Construction Report	
প্রকল্পের নাম	
প্রকল্পের অবস্থান	
ম্যাপ	Photo
প্রকল্পের সংক্ষিপ্ত বর্ণনা	
প্রাক্কলিত ব্যয়	
নির্মাণের কারণ	
অর্থনৈতিক প্রভাব	
জিডিপিতে ইতিবাচক প্রভাব	

Add Construction Details

প্রকল্পের নাম	প্রাক্কলিত ব্যয়	Map Photo
sdf sdf gfdg d	234255	Choose File No file chosen

প্রকল্পের অবস্থান	প্রকল্পের সংক্ষিপ্ত বর্ণনা	নির্মাণের কারণ
dfggd fgd	gdfgdf df gh dgdh dh dh	hdhdfh hgd hdhdfh

অর্থনৈতিক প্রভাব	জিডিপিতে ইতিবাচক প্রভাব
dfhdbh hdhdfhh	f hfhfhjfjg uftsfsf jghkjkg

🖫 Save

Update Construction Details

প্রকল্পের নাম	প্রাক্কলিত ব্যয়	Map Photo
sdf sdf gfdg d	234255	Choose File No file chosen

প্রকল্পের অবস্থান	প্রকল্পের সংক্ষিপ্ত বর্ণনা	নির্মাণের কারণ
fdgdfg	gfg dg dg gdf	dghfdfh hd

অর্থনৈতিক প্রভাব	জিডিপিতে ইতিবাচক প্রভাব
dfh dhd hd hdh	fh fgh khjhk

🖫 Save

Positive test case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	Construction data	Click view more to see all Construction Study data	Displayed	All information are present	P
2	Edit	Click update to update existing data	Update the existing database	No error while updating	P
3	Monthly Report	1. View click view see monthly report 2. Update click update to update monthly report	Displayed Update the existing information	All information are present no error	P P
4	Detail	1. View – to see details information 2. Add – to add details information 3. Update - to update details information	Operating successfully all the action	No error while executing	P

Negative Test Case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	Construction data	Data should be perfectly displayed	Perfectly executed	No error	P

2	Edit	Current information should be replaced by existing information	updated	No error	P
3	Monthly Report	Data should be perfectly entered & updated	Executed perfectly	No error while updating or displaying	P
4	Detail	Data should be perfectly entered & updated	Executed perfectly	No error while updating or displaying	P

3. Operations & Maintenance

Positive test case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	Operation & Maintenance data	Click view more to see all Operation & Maintenance Study data	Displayed	All information are present	P
2	Update & Delete	Click update to update existing data or delete to delete the data	Update the existing database	No error while updating or deleting	P

Negative Test Case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	Operation & Maintenance data	Data should be perfectly displayed	Perfectly executed	No error	P
2	Update & Delete	Current information should be replaced by existing information or delete the current information	Updated or deleted successfully	No error	P

Test Scenario 2: Feasibility Study

1. Create

Positive test case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	Add New Feasibility Study	1. Select feasibility study name 2. choose feasibility study photo 3. Select status 4. Choose interim report & submit date, inception report & submit date, draft report & submit date, Lap Rap report & submit date, Choose final report &	Data saved successfully	No error while selecting and entering data	P

		submit date 5. Choose source of fund 6. Enter budget & choose project director 7. click add feasibility study			

Negative Test Case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	Add New Feasibility Study	Data should be perfectly selected and must be valid in format	Perfectly executed the operation	No error while executing	P

2. Manage

Positive test case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail

1	Feasibility Study Data	Display all Feasibility Study data	Displayed	All information are present	P
2	View	Click to view specific feasibility study data	Displayed	All information are present	P
3	Update	Click Update to update the existing information	Updated successfully	No error while updating	P

Negative Test Case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	Feasibility Study Data	Data should be perfectly displayed	Perfectly executed	No error	P
2	View	Information should be perfectly displayed	No information is missing while displaying	No error	P
3	Update	Current information should be replaced by existing information or delete the current information	Updated or deleted successfully	No error	P

Test Scenario 3: On going projects

1. Create

Add New Construction

Project Name *	Project Value *	Progress *
পদ্মা বহুমুখী সেতু নির্মাণ প্রকল্প	34534645457	46457

Commencement *	Completion *	Project Photo	Status *
05/13/2022	06/09/2022	Choose File No file chosen	Active

Save

Positive test case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	Add New Construction	1. Select project name 2. Enter project value 3. Enter progress 4. Select commencement date & completion date 5. choose project photo & status 6. Click save	Data saved successfully	No error while generating data	P

Negative Test Case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	Add New Construction	Data should be perfectly selected and must be valid in format	Perfectly executed the operation	No error while executing	P

2. Manage

Construction Data

S/N	Project	Value	Progress	Commencement	Completion	Remaining	Action
1	সাপোর্ট টু ঢাকা এলিভেটেড এক্সপ্রেসওয়ে প্রজেক্ট	100000000	50%	2022-04-30	2022-04-22	8	⋮
2	সাসেক সড়ক সংযোগ প্রকল্প-II (এলেঙ্গা-হাটিকামরুল-রংপুর মহাসড়ক চার লেনে উন্নীতকরণ)	10000000	40%	2022-04-14	2022-04-21	7	⋮
3	ডেলতা-আড়াইহাজার-বাঞ্ছারামপুর সড়কে মেঘনা নদীর উপর সেতু নির্মাণ	100000	58%	2022-04-01	2022-04-25	24	⋮
4	গ্রেটার ঢাকা সাসটেইনেবল আরবান ট্রান্সপোর্ট প্রকল্প	100000	20%	2022-04-12	2022-04-07	5	⋮
5	পঞ্চবটি-মুক্তারপুর সড়ক প্রশস্তকরণ ও দোতলা রাস্তা নির্মাণ	1000000	45%	2022-04-04	2022-04-30	26	⋮
6	কচুয়া-বেতাগী সড়কে পায়রা নদীর উপর সেতু নির্মাণ প্রকল্প	100000	40%	2022-04-14	2022-04-25	11	⋮

Update Construction

Project Name *

সাপোর্ট টু ঢাকা এলিভেটেড এক্সপ্রেসওয়ে প্রজেক্ট

Project Value *

100000000

Progress *

50

Commencement *

04/30/2022

Completion *

04/22/2022

Project Photo

Choose File   No file chosen

Status *

Active

Update   Delete

Monthly Project Report Upload

Month

Select Month

Year

Enter Year

Update Report Document

Choose File   No file chosen

💾 Save

Monthly Project Report

Month	Document

Construction View Report

P&D Construction Report	
প্রকল্পের নাম	
প্রকল্পের অবস্থান	
ম্যাপ	Photo
প্রকল্পের সংক্ষিপ্ত বর্ণনা	
প্রাক্কলিত ব্যয়	
নির্মাণের কারণ	
অর্থনৈতিক প্রভাব	
জিডিপিতে ইতিবাচক প্রভাব	

Add Construction Details

প্রকল্পের নাম	প্রাক্কলিত ব্যয়	Map Photo
sdf sdf gfdg d	234255	Choose File No file chosen

প্রকল্পের অবস্থান	প্রকল্পের সংক্ষিপ্ত বর্ণনা	নির্মাণের কারণ
dfggd fgd	gdfgdf df gh dgdh dh dh	hdhdfh hgd hdhdfh

অর্থনৈতিক প্রভাব	জিডিপিতে ইতিবাচক প্রভাব
dfhdhh hdhdfhh	f hfhfhjfjg uftsfsf jghkjkg

💾 Save

Update Construction Details

প্রকল্পের নাম	প্রাক্কলিত ব্যয়	Map Photo
sdf sdf gfdg d	234255	Choose File No file chosen

প্রকল্পের অবস্থান	প্রকল্পের সংক্ষিপ্ত বর্ণনা	নির্মাণের কারণ
fdgdfg	gfg dg dg gdf	dghfdfh hd

অর্থনৈতিক প্রভাব	জিডিপিতে ইতিবাচক প্রভাব
dfh dhd hd hdh	fh fgh khjhk

💾 Save

Positive test case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	Construction data	Display all Construction Study data	Displayed	All information are present	P
2	Edit	Click update to update existing data	Update the existing database	No error while updating	P

3	Monthly Report	1. View click view see monthly report 2. Update click update to update monthly report	Displayed Update the existing information	All information are present no error	P P
4	Detail	1. View – to see details information 2. Add – to add details information 3. Update - to update details information	Operating successfully all the action	No error while executing	P

Negative Test Case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	Construction data	Data should be perfectly displayed	Perfectly executed	No error	P
2	Edit	Current information should be replaced by existing information	updated	No error	P
3	Monthly Report	Data should be perfectly entered & updated	Executed perfectly	No error while updating or displaying	P
4	Detail	Data should be perfectly entered & updated	Executed perfectly	No error while updating or	P

				displaying	

Test Scenario 4: Pipeline

1. Create

Positive test case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	Add New Pipeline	1. Select pipeline type 2. Enter project name 3. Choose pipeline photo & stage 4. Click save	Data saved successfully	No error while generating data	P

Negative Test Case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	Add New Pipeline	Data should be perfectly selected and must be valid in format	Perfectly executed the operation	No error while executing	P

2. Manage

Positive test case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	Pipeline Data	Display all pipeline data	Displayed	All information are present	P
2	Update	Click update to update existing data	Update the existing database	No error while updating	P

Negative Test Case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	Pipeline Data	Data should be perfectly displayed	Perfectly executed	No error	P

2	Update & delete	Current information should be replaced by existing information or delete the current information	Updated or deleted successfully	No error	P

Test Scenario 4: Project Progress

1. Create

Positive test case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	নতুন প্রজেক্ট নির্মাণ এবং প্রকল্পের অগ্রগতির বিবরণ	1. Select project type, name, from date & to date, describe all issues 2. Click add more to add another	Data saved successfully	No error while data are saving	P

| | | 3. Enter total expense, finance year, GoB amount, project help

4. select month of finance discount & enter amount of discount amount

5. Enter total percentage of expense, GoB & project help from allocated money

6. Enter percentage of overall physical progress of the project & describe of the implementation of the project | | | |
|---|---|---|---|---|---|

Negative Test Case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	নতুন প্রজেক্ট নির্মাণ এবং প্রকল্পের অগ্রগতির বিবরণ	Data should perfectly selected and entered	Perfectly executed the operation	No error while executing	P

2. Manage

Manage Project Data

Search

S/N	Project Name	Project Type	Duration	Progress Month	Implementation	Progress	Status	Action
1	কর্ণফুলী নদীর তলদেশে বহুলেইন টানেল নির্মাণ		নভেম্বর 2015-ডিসেম্বর 2022	মার্চ/2021-2022	প্রকল্প পরিচালক ,কর্ণফুলী টানেল প্রকল্প	83%	Running	View Edit
2	কর্ণফুলী নদীর তলদেশে বহুলেইন টানেল নির্মাণ	BBA	নভেম্বর 2015-ডিসেম্বর 2022	ফেব্রুয়ারি/2021-2022	প্রকল্প পরিচালক ,কর্ণফুলী টানেল প্রকল্প	82%	Running	View Edit

Construction Details

P&D Reports	
প্রজেক্টের নাম	কর্ণফুলী নদীর তলদেশে বহুলেইন টানেল নির্মাণ
বাস্তবায়নে	প্রকল্প পরিচালক , কর্ণফুলী টানেল প্রকল্প
প্রকল্পের মেয়াদ	নভেম্বর 2015-ডিসেম্বর 2022
ইস্যু সমূহ	পুনর্বাসন কার্যক্রম ত্বরান্বিত করতে হবে।
	প্রকল্পের ভৌত কাজ ত্বরান্বিত করার প্রয়োজনীয় ব্যবস্থা গ্রহণ করতে হবে।
	প্রকল্পের অব্যবহৃত/ পরিত্যাক্ত মালামালসমূহের তালিকা প্রস্তুতপূর্বক প্রয়োজনীয় ব্যবস্থা গ্রহণ করতে হবে।

প্রকল্পের অগ্রগতির বিবরণ

প্রকল্পের মোট ব্যয় (সংশোধিত-অনুমোদিত)	২০২১-২০২২ অর্থবছরে এডিপি বরাদ্দ	মার্চ/2021-2022 পর্যন্ত অর্থ ছাড়	মোট ব্যয় (বরাদ্দের (%) অংশ)	জিওবি ব্যয় (বরাদ্দের (%) অংশ)	প্রকল্প সাহায্য ব্যয় (বরাদ্দের (%) অংশ)
1037442	মোটঃ 133303 জিওবিঃ 54603 প্রঃ সাঃ 78700	39075	86686 (65%)	30921 (56%)	55806 (70%)

কর্ণফুলী টানেল নির্মাণ প্রকল্পের সার্বিক ভৌত অগ্রগতি 83 %। কম্পোনেন্ট অনুযায়ী অগ্রগতি নিম্নরূপঃ

নতুন প্রজেক্ট নির্মাণ এবং প্রকল্পের অগ্রগতির বিবরণ

প্রজেক্টের তথ্য | ইস্যু সমূহ | কম্পোনেন্ট

প্রজেক্টের নাম *
কর্ণফুলী নদীর তলদেশে বহুলেইন টানেল নির্মাণ

শুরু হওয়ার তারিখ *
নভেম্বর | 2015

শেষ হওয়ার তারিখ *
ডিসেম্বর | 2022

প্রকল্পের মোট ব্যয় (সংশোধিত - অনুমোদিত) *
1037442

অর্থবছর *
2021-2022

জিওবি এমাউন্ট *
54603

প্রকল্প সাহায্য (প্রঃ সাঃ) *
78700

মোট অর্থবছরে এডিপি বরাদ্দ (জিওবি + প্রঃ সাঃ) *
133303

অর্থ ছাড় *
মার্চ/2021-2022

অর্থ ছাড় এমাউন্ট *
39075

মোট ব্যয় (বরাদ্দের (%) অংশ)*
65 | 86686

জিওবি ব্যয় (বরাদ্দের (%) অংশ)*
56 | 30921

প্রকল্প সাহায্য ব্যয় (বরাদ্দের (%) অংশ) *
70 | 55806

প্রকল্পের সার্বিক ভৌত অগ্রগতি শতকরা পরিমান (%) *
83

বাস্তবায়ন *
প্রকল্প পরিচালক , কর্ণফুলী টানেল প্রকল্প

প্রাসঙ্গিক বাস্তবায়ন অগ্রগতি *
মার্চ, ২০২২ মাসে ১.০০% লক্ষ্যমাত্রার বিপরীতে বাস্তবায়ন অগ্রগতি ১.৫০%।

⊘ হালনাগাদ করুন

নতুন প্রজেক্ট নির্মাণ এবং প্রকল্পের অগ্রগতির বিবরণ

| প্রজেক্টের তথ্য | ইস্যু সমূহ | কম্পোনেন্ট |

ইস্যু সমূহ

S/N	Issue Name	Action
1	পুনর্বাসন কার্যক্রম ত্বরান্বিত করতে হবে।	🗑
2	প্রকল্পের ভৌত কাজ ত্বরান্বিত করার প্রয়োজনীয় ব্যবস্থা গ্রহণ করতে হবে।	🗑
3	প্রকল্পের অব্যবহৃত/ পরিত্যাক্ত মালামালসমূহের তালিকা প্রস্তুতপূর্বক প্রয়োজনীয় ব্যবস্থা গ্রহণ করতে হবে।	🗑

| ইস্যু সমূহ লিখুন | + আরো যোগ করুন |

⊘ হালনাগাদ করুন

| প্রজেক্টের তথ্য | ইস্যু সমূহ | কম্পোনেন্ট |

S/N	কম্পোনেন্ট	সর্বশেষ অবস্থা	Action
1	পুনর্বাসন কার্যক্রম	অদ্যাবধি পুনর্বাসন কার্যক্রমের আওতায় প্রকল্পের পশ্চিম ও আনোয়ারা প্রান্তে ১৬৫৭ জন ক্ষতিগ্রস্থ ভূমি মালিক/ব্যক্তিকে অতিরিক্ত ক্ষুদ্রবির অর্থ বাবদ সর্বমোট ২৭০.৭৫ কোটি টাকা বিতরণ করা হয়েছে।	🗑
2	টাগ বোট	টাগ বোট এর নির্মাণ কাজ সম্পন্ন হয়েছে। টাগ বোটটি গত ২০/০৫/২০২১ তারিখ বাসেক কর্তৃক বাংলাদেশ নেভীর নিকট হস্তান্তর করা হয়েছে।	🗑
3	ভায়াডাক্ট	আনোয়ারা প্রান্তে ৭২৭ মিটার Viaduct নির্মাণ কাজ সম্পন্ন হয়েছে।	🗑
4	সেগমেন্ট প্রোডাকশন	টিনের ফ্যাসিং প্রদেশের জেংজিয়াং শহরে টানেল সেগমেন্ট কাস্টিং প্রান্তে ১৯,৭১৬ টি সেগমেন্টের সবকটির নির্মাণ কাজ সম্পন্ন করতে ইতোমধ্যে ১৯,৭১৬ টি (১০০.০০%) সেগমেন্ট চট্টগ্রাম সাইটে পৌঁছেছে। তন্মধ্যে ৯৭৮৪ টি সেগমেন্ট নির্মাণাধীন প্রথম টিউবে এবং ৯৮০২ টি সেগমেন্ট দ্বিতীয় টিউবে সর্বমোট ১৯৭১৬ (১০০.০০%) প্রতিস্থাপন	🗑
5	ভূমি অধিগ্রহণ	প্রকল্পের অধিগ্রহণ ও রিকুইজিশনযোগ্য মোট ৩৭৮.৭১০১ একর ভূমির মধ্যে অদ্যাবধি ৩৬২.৪৪৫১ একর ভূমি ঠিকাদারী প্রতিষ্ঠানকে বুঝিয়ে দেয়া হয়েছে এবং অবশিষ্ট ১৪.১৬৫ একর ভূমি অধিগ্রহণ/ হস্তান্তর কার্যক্রম জেলা প্রশাসকের কার্যালয়/ভূমি মন্ত্রণালয়ে প্রক্রিয়াধীন আছে।	🗑
6	সার্ভিস এরিয়া	সার্ভিস এরিয়ার Bunglow, দুইটি সেড, ড্রেনেইজ এবং অভ্যন্তরীণ রোডসহ অন্যান্য কাজ চলমান রয়েছে।	🗑
7	অ্যাপ্রোচ সড়ক	টানেলের পশ্চিম ও পূর্ব প্রান্তে মোট ৫.৩৫ কিলোমিটার এপ্রোচ রোড এর কাজ চলমান রয়েছে।	🗑
8	ম্যানেজমেন্ট সফটওয়্যার	Hardware স্থাপন এবং বিবিও রিডিং নেটওয়ার্কিং এর কাজ সম্পন্ন হয়েছে। Network Training সম্পন্ন হয়েছে। Software Customization এর কাজ সম্পন্ন হয়েছে এবং বাংলাদেশ সেতু কর্তৃপক্ষ কর্তৃক Software Testing চলমান আছে।	🗑

| নাম নির্বাচন করুন | Enter Component Text | + আরো যোগ করুন |

⊘ হালনাগাদ করুন

Positive test case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	Manage Project Data	Display all project data	Displayed	All information are present	P
2	View	Click to view specific	Displayed	All	P

		project data		information are present	
3	Update	Click Update to update the existing information & delete to delete the information	Updated or deleted successfully	No error while updating or deleting	P

Negative Test Case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	Manage Project Data	Data should be perfectly displayed	Perfectly executed	No error	P
2	View	Information should be perfectly displayed	No information is missing while displaying	No error	P
3	Update & delete	Current information should be replaced by existing information or delete the current information	Updated or deleted successfully	No error	P

3. Photo Gallery

Photo Gallery

প্রজেক্ট টাইপ *	প্রজেক্ট নাম *
BBA	নাম নির্বাচন করুন
Photo Title *	Photo *
sdfbksfb sfsdg	Choose File No file chosen

Save

Photo Gallery

+ Add

S/N	Photo Title	Ptoject Type	Photo	Action
1	Khulna setu almost done	Up Coming		⦿ View ✎ Edit 🗑 Delete
2	Build base another	Up Coming		⦿ View ✎ Edit 🗑 Delete
3	work new	Up Coming		⦿ View ✎ Edit 🗑 Delete
4	another piller	Up Coming		⦿ View ✎ Edit 🗑 Delete

Positive test case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	Photo Gallery	Display all project photo information	Displayed	No error while displaying	P
2	Add data	1. Select project type & enter project name 2. Enter photo title & choose photo 3. Click save	Data saved successfully	No error while storing photo information	P
3	View	Click to view specific project data	Displayed	All information are present	P
4	Update &	Click Update to update the	Updated or	No error	P

	delete	existing information & delete to delete the information	deleted successfully	while updating or deleting	

Negative Test Case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	Photo Gallery	Data should be perfectly displayed	Perfectly executed	No error	P
2	Add data	Data should selected perfectly	Perfectly executed	No error	P
3	View	Information should be perfectly displayed	No information is missing while displaying	No error	P
4	Update & delete	Current information should be replaced by existing information or delete the current information	Updated or deleted successfully	No error	P

Test Scenario 6: Operation & Maintenance

1. Create

Add New Operations & Maintenance

Positive test case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	Add New Operations & Maintenance	1. choose O & M name, photo, select completed date 2. Enter DLP time left, budget 3. Choose source of fund, O & M manual, others information 4. Select financial year 5. Click save data	Data saved successfully	No Error is occurred while adding new data	P

Negative Test Case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	Add New Operations & Maintenance	Data should perfectly select and entered	No irrelevant data is accepted	No error in execution	P

2. Manage

Operations & Maintenance Data

S/N	Name	Photo	Completed	DNP Time Left	Action
1	মুক্তারপুর সেতু		2022-03-23	2y 5m	
2	বঙ্গবন্ধু সেতু		2022-02-22	22y 9m	

Update Operations & Maintenance

Operations & Maintenance Name * মুক্তারপুর সেতু

Operations & Maintenance Photo * Choose File No file chosen

Completed Date 03/23/2022

DLP Time Left 2y 5m

Operations & Maintenance Manual * Choose File No file chosen

Others * Choose File No file chosen

⊘ Update   🗑 Delete

Positive test case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	Operations & Maintenance Data	Display all Operations & Maintenance Data	Displayed	All information are present	P
2	Update & Delete	Click Update to update the existing information & delete to delete the information	Updated or deleted successfully	No error while updating or deleting	P

Negative Test Case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	Operations & Maintenance Data	Data should be perfectly displayed	Perfectly executed	No error	P

| 2 | Update & Delete | Current information should be replaced by existing information or delete the current information | Updated or deleted successfully | No error | P |

Test Scenario 7: PPP Cell

1. About PPP Cell

Positive test case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	About PPP Cell	Display PPP cell information	Displayed in various format	No information is missing while displaying	P
2	View	Click to view specific PPP cell data	Displayed	All information are present	P

Negative Test Case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	About PPP Cell	Data should be perfectly displayed	Perfectly executed	No error	P

2	View	Information should be perfectly displayed	No information is missing while displaying	No error	P

2. Upcoming PPP Project

Positive test case

Case ID	Title	Description	Expected Result	Actual Result	Pass /Fail
1	Up Coming PPP Project create	1. Enter project name, project code, choose project fund, type 2. Select project start & end date 3. Click save	Data saved successfully	No error while data saving	P
2	Up Coming PPP Project manage	1. Display all Up Coming PPP Project 2. Click update or delete to perform update & delete	Displayed information & operation is perfectly executed	No data is missing while displayed	P

		operation			

Negative Test Case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	Up Coming PPP Project create	Data should perfectly select and entered	No irrelevant data is accepted	No error in execution	P
2	Up Coming PPP Project manage	Information should be perfectly displayed & update or delete button should perfectly work	No information is missing while displaying	No error	P

3. On Going PPP Project

Positive test case

Case ID	Title	Description	Expected Result	Actual Result	Pass /Fail
1	Ongoing PPP Project create	1. Enter project name, project code, choose project fund, type 2. Select project start & end date 3. Click save	Data saved successfully	No error while data saving	P
2	Ongoing PPP Project manage	1. Display all Up Coming PPP Project 2. Click update or delete to perform update & delete operation	Displayed information & operation is perfectly executed	No data is missing while displayed	P

Negative Test Case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	Up Coming PPP Project create	Data should perfectly select and entered	No irrelevant data is accepted	No error in execution	P
2	Up Coming PPP Project manage	Information should be perfectly displayed & update or delete button should perfectly work	No information is missing while displaying	No error	P

Test Scenario 8: FAQ

Question *

sdf sfs dfsdf

Answer *

sfsd hg fgjghjghjkgh   kghkhjk gjgj

🖫 Save

FAQ Place

+ Add Data

S/N	Question	Answer	Action
1	What is today?	Today is Friday	✎ Edit 🗑 Delete
2	What is your favorite color?	My favorite color is black	✎ Edit 🗑 Delete

Update Project Data

Question *

What is today?

Answer *

Today is Friday

Save Changes   Close

Positive test case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	Add data	1. Enter question & describe answer	Data saved successfully	No error while saving	P

| 2 | FAQ Place | 1. Display all FAQ place

2. Click update or delete to perform update & delete operation | Displayed information & operation is perfectly executed | No data is missing while displayed | P |

Negative Test Case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	Add data	Data should perfectly select and entered	No irrelevant data is accepted	No error in execution	P
2	FAQ Place	Information should be perfectly displayed & update or delete button should perfectly work	No information is missing while displaying	No error	P

Test Scenario 9: Settings

1. FCP

Single Data

View Single Data

Update Project Data

Positive test case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	Single Data	Display all FCP data	No missing information	No error	P
2	Add data	1. Select data type & enter name and short name	Data saved successfully	No error	P

		2. click save			
3	View	Display specific information	Displayed in various format	No information is missing while displaying	P

Negative Test Case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	Single Data	Information should be displayed	Relevant information is displayed	No error	P
2	Add data	Data should perfectly select and entered	No irrelevant data is accepted	No error in execution	P
3	View	Information should be perfectly displayed & update or delete button should perfectly work	No information is missing while displaying	No error	P

2. Component

Component Data

+ Add Data

Select Data Type ▼

S/N	Component Data
#	ruamin

💾 Save

Component Data | **Project Data**

Search [   ]

S/N	Component Data	Action
1	সার্ভিস এরিয়া	✏ Edit 🗑 Delete
2	ম্যানেজমেন্ট সফটওয়্যার	✏ Edit 🗑 Delete
3	টাগ বোট	✏ Edit 🗑 Delete
4	পুনর্বাসন কার্যক্রম	✏ Edit 🗑 Delete
5	ভূমি অধিগ্রহণ	✏ Edit 🗑 Delete
6	অ্যাপ্রোচ সড়ক	✏ Edit 🗑 Delete
7	ভায়াডাক্ট	✏ Edit 🗑 Delete
8	সেগমেন্ট প্রোডাকশন	✏ Edit 🗑 Delete
9	মূল টানেল	✏ Edit 🗑 Delete

Component Data | **Project Data**

Search [   ]

S/N	Project Name	Short Name	Action
1	demo project	demo	✏ Edit 🗑 Delete
2	Jamana Bridge Project	jamuna_Bridge	✏ Edit 🗑 Delete
3	New Data	nwdta	✏ Edit 🗑 Delete
4	Good dude	boy	✏ Edit 🗑 Delete

Update Project Data

ⓧ

Data Name *

[সার্ভিস এরিয়া]

Save Changes   Close

Positive test case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	Add data	1. Select data type like project or component 2. Enter component name or project name and short name 3. click save			
2	component Data	Display all component & project information	Displayed in various format	No information is missing while displaying	P

Negative Test Case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	Add data	Data should perfectly select and entered	No irrelevant data is accepted	No error in execution	P
2	Component Data	Information should be perfectly displayed & update or delete button should perfectly work	No information is missing while displaying	No error	P

3. Project data

Project Data

Project Name	Project Code	Project Fund
Enter Name	Enter Project Code	Choose Fund

Project Type	Project Start	Project End
Choose Type	mm/dd/yyyy	mm/dd/yyyy

💾 Save

Project Data

+ Add Data

Search

S/N	Project Name	Project Type	Project Code	Project Fund	Action
1	Rumain	Up Coming	999	DPA	☑ Edit 🗑 Delete
2	কর্ণফুলী নদীর তলদেশে বহুলেইন টানেল নির্মাণ	On Going	kornofuli	GOB	☑ Edit 🗑 Delete

Positive test case

Case ID	Title	Description	Expected Result	Actual Result	Pass/ Fail
1	Add data	1. Enter project name, code, choose fund, project type 2. Select project start & end date 3. Click save	Data saved successfully	No error while saving data	P
2	Project Data	Display all component & project information	Displayed in various format	No information is missing while displaying	P

Negative Test Case

Case ID	Title	Description	Expected Result	Actual Result	Pass/Fail
1	Add data	Data should perfectly select and entered	No irrelevant data is accepted	No error in execution	P
2	Project Data	Information should be perfectly displayed & update or delete button should perfectly work	No information is missing while displaying	No error	P