



“PM Pulse” Exploring a Feasible Platform for Project Management

Project Id: 2024-002

IT21049040 – Sandeepani J.W.H

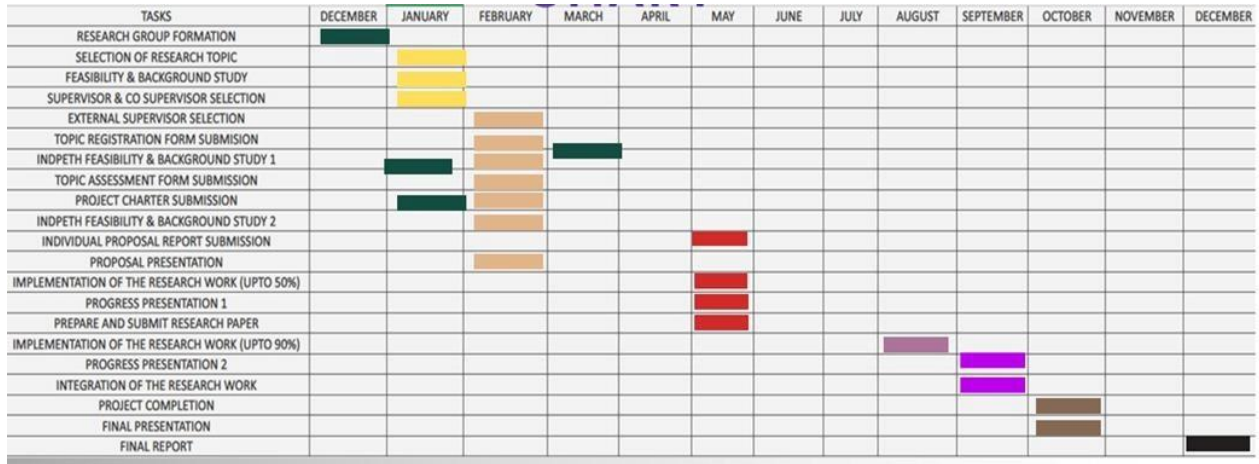
Status Document 2

BSc (Hons) in Information Technology Specializing in Information
Systems Engineering

Department of Information Technology

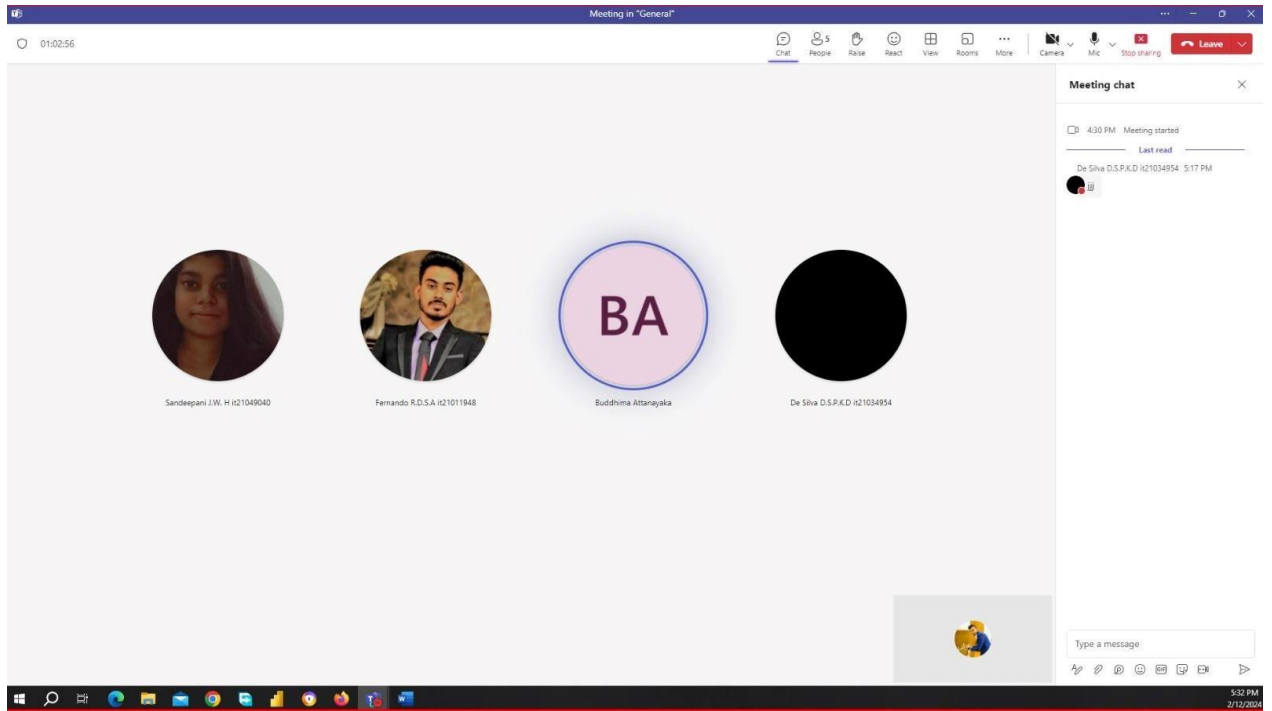
Sri Lanka Institute of Information Technology Sri Lanka

01.Gantt Chart

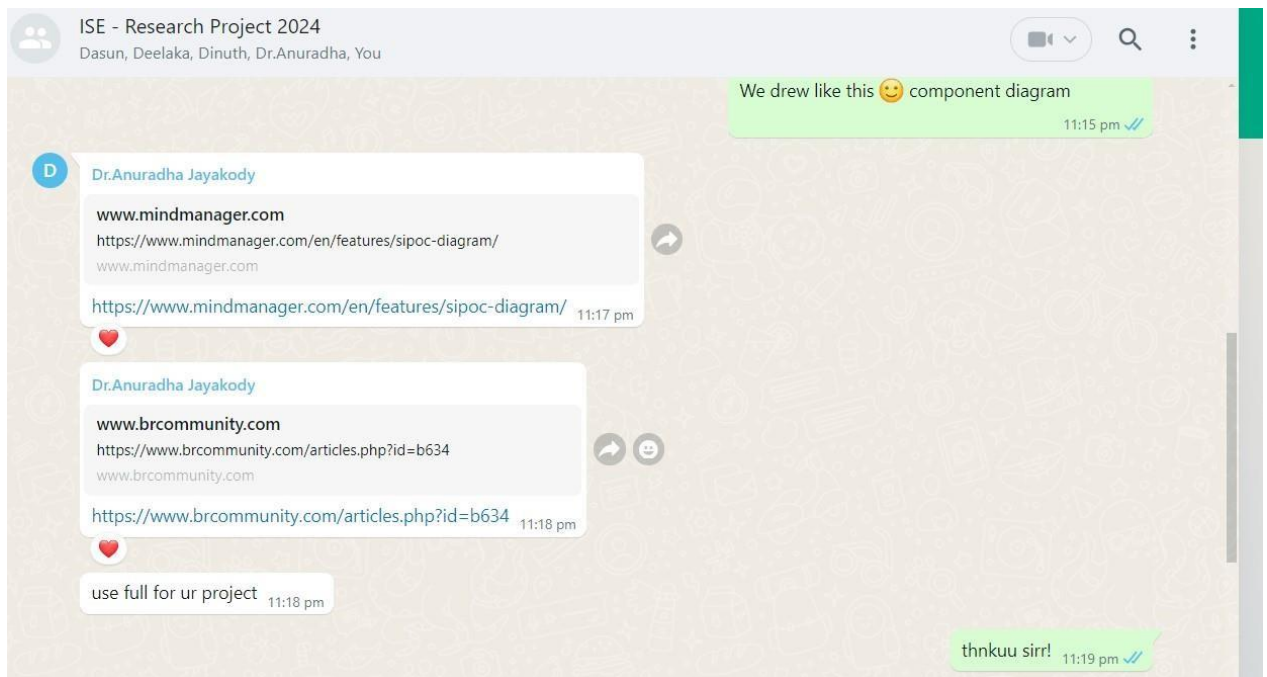


02.Team Chat Records

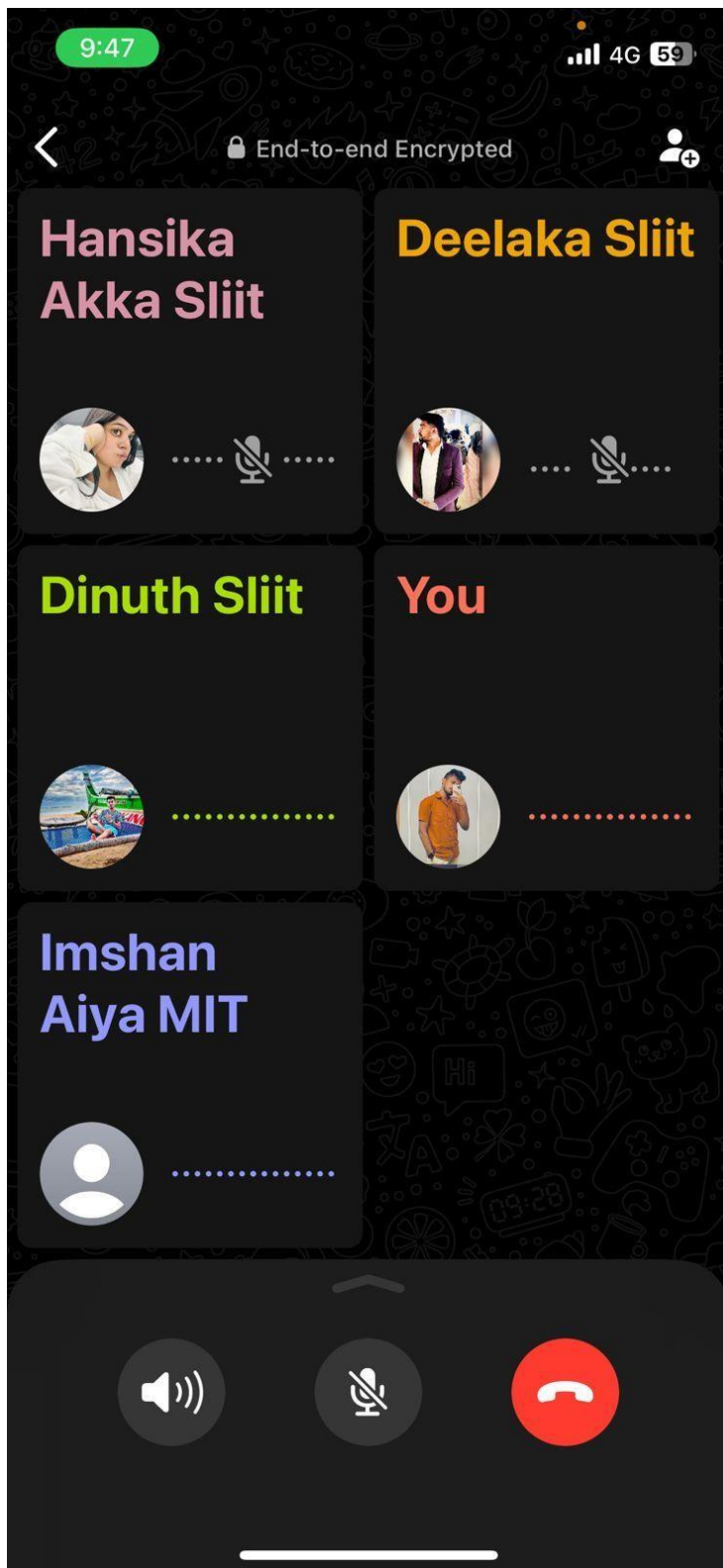
The screenshot displays a Microsoft Teams meeting window titled "New channel meeting". The interface includes a top toolbar with icons for Take control, Pop out, Chat, People, Raise, React, View, More, Camera, Mic, Share, and Leave. The main area shows a grid of participant avatars with labels: KD (Kusal Deelaka (Guest)), Pabasara J.D. it21073014, Fernando R.D.S.A it21011948, and Buddha Attanayaka. A right-hand sidebar lists participants with their names and IDs, including Sandeepani J.W. H it21049040 (Organizer), Buddha Attanayaka, Fernando R.D.S.A it21011948, Kusal Deelaka (Guest) (Meeting guest), Pabasara J.D. it21073014, and De Silva D.S.P.K.D it21034954. A bottom status bar shows the system clock as 11:37 and language as ENG.



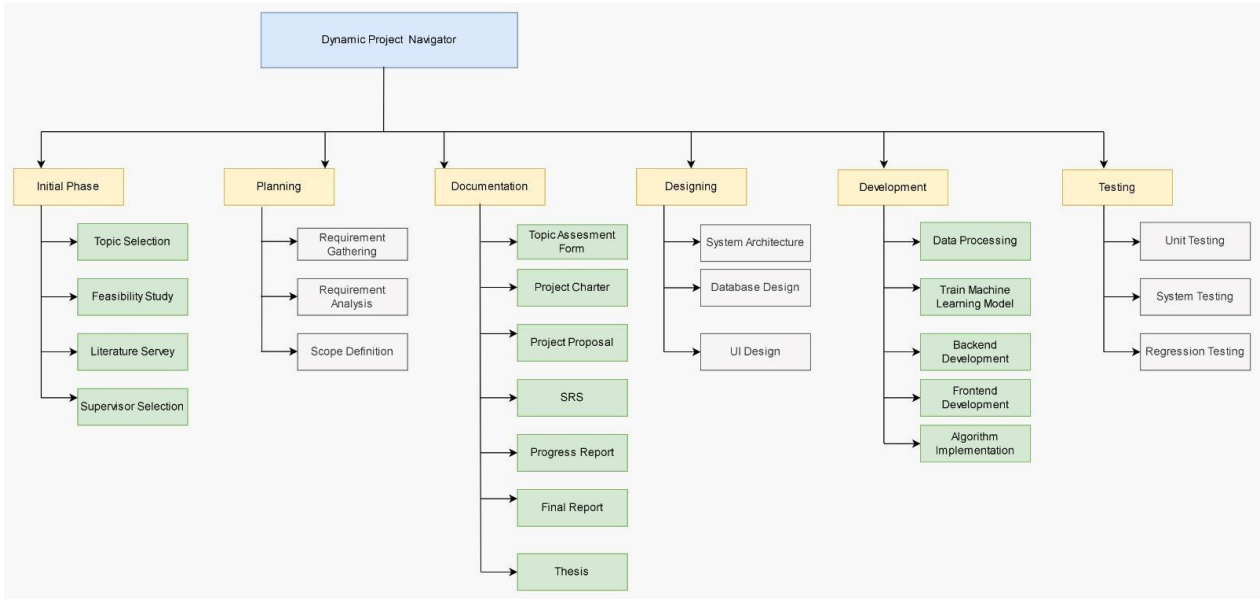
03. WhatsApp Chat Record



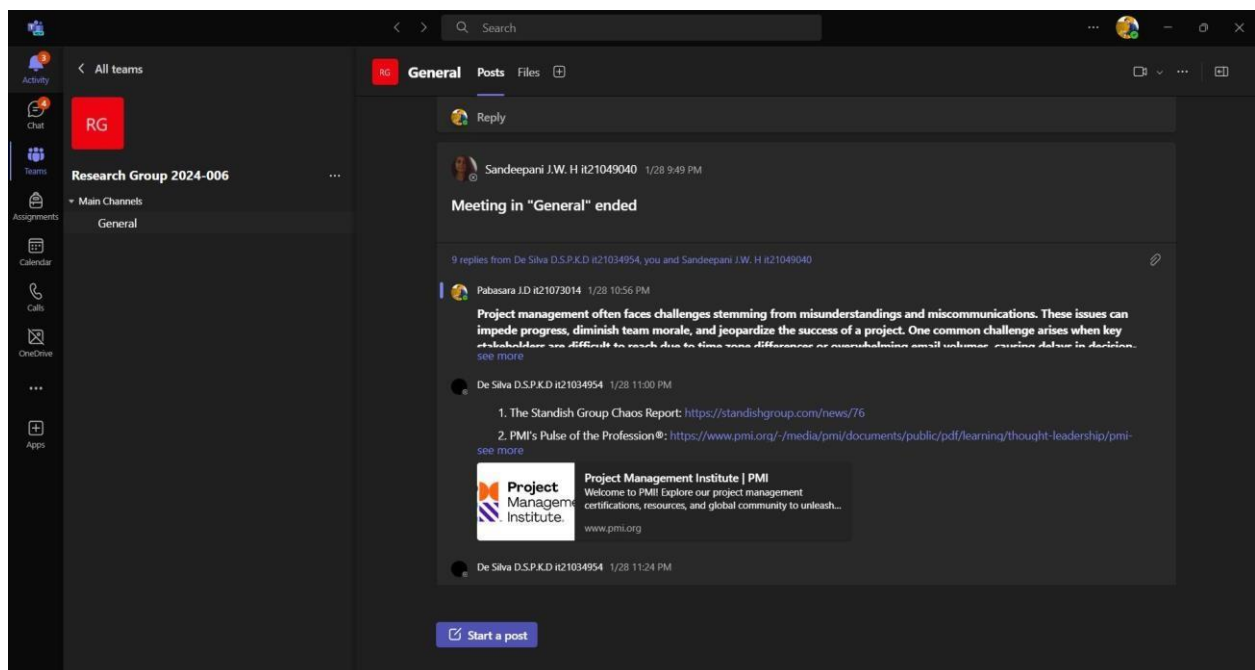
04. Had a meeting with an External Supervisor



05. WBS



06. Supervisor Meetings Records



Meeting in "General"

06:02

Take control Pop out Chat People Raise React View Rooms More Camera Mic Share Leave

Fernando R.D.S... De Silva D.S.P.K...

Participants

Type a name

In this meeting (3)

Mute all

Rabasara J.D #21073014 Organizer

De Silva D.S.P.K.D #21034954

Fernando R.D.S.A #21011948

Suggestions (1)

Sandeepani J.W. H #21049040

time_prediction (1).ipynb

```

import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
from sklearn.model_selection import train_test_split, GridSearchCV
from sklearn.metrics import mean_squared_error
from sklearn.metrics import mean_squared_error

# Load data from CSV
data = pd.read_csv('content/sample_data/project_dataset (1).csv')

# Separate features and target variable
X = data.drop('no_of_days', axis=1)
y = data['no_of_days']

# Split the data into training and testing sets
X_train, X_test, y_train, y_test = train_test_split(X, y, test_size=0.2, random_state=42)

# Initialize Gradient Boosting Regressor
gb_model = GradientBoostingRegressor()

# Define hyperparameters for optimization
param_grid = {
    'n_estimators': [50, 100, 150],
    'learning_rate': [0.01, 0.05, 0.1],
    'max_depth': [3, 4, 5]
}

# Perform Grid Search Cross Validation for hyperparameter tuning
grid_search = GridSearchCV(gb_model, param_grid, cv=5, scoring='neg_mean_squared_error')
grid_search.fit(X_train, y_train)

# Get the best parameters
best_params = grid_search.best_params_

# Initialize Gradient Boosting Regressor with best parameters
gb_model = GradientBoostingRegressor(**best_params)

# Train the model

```

Fernando R.D.S.A #21011948

ISE - Research Project 2024

Dasun, Deelaka, Dinuth, Dr.Anuradha, You

30/08/2024

PM Pulse-Exploring a Feasible Platform for.pdf

@Dr.Anuradha Jayakody sir can you please check this? 9:13 am ✓✓

Dr.Anuradha Jayakody

PM Pulse-Exploring a Feasible Platform for- With... 6 pages • PDF • 347 kB 12:21 pm

You deleted this message 9:14 pm

31/08/2024

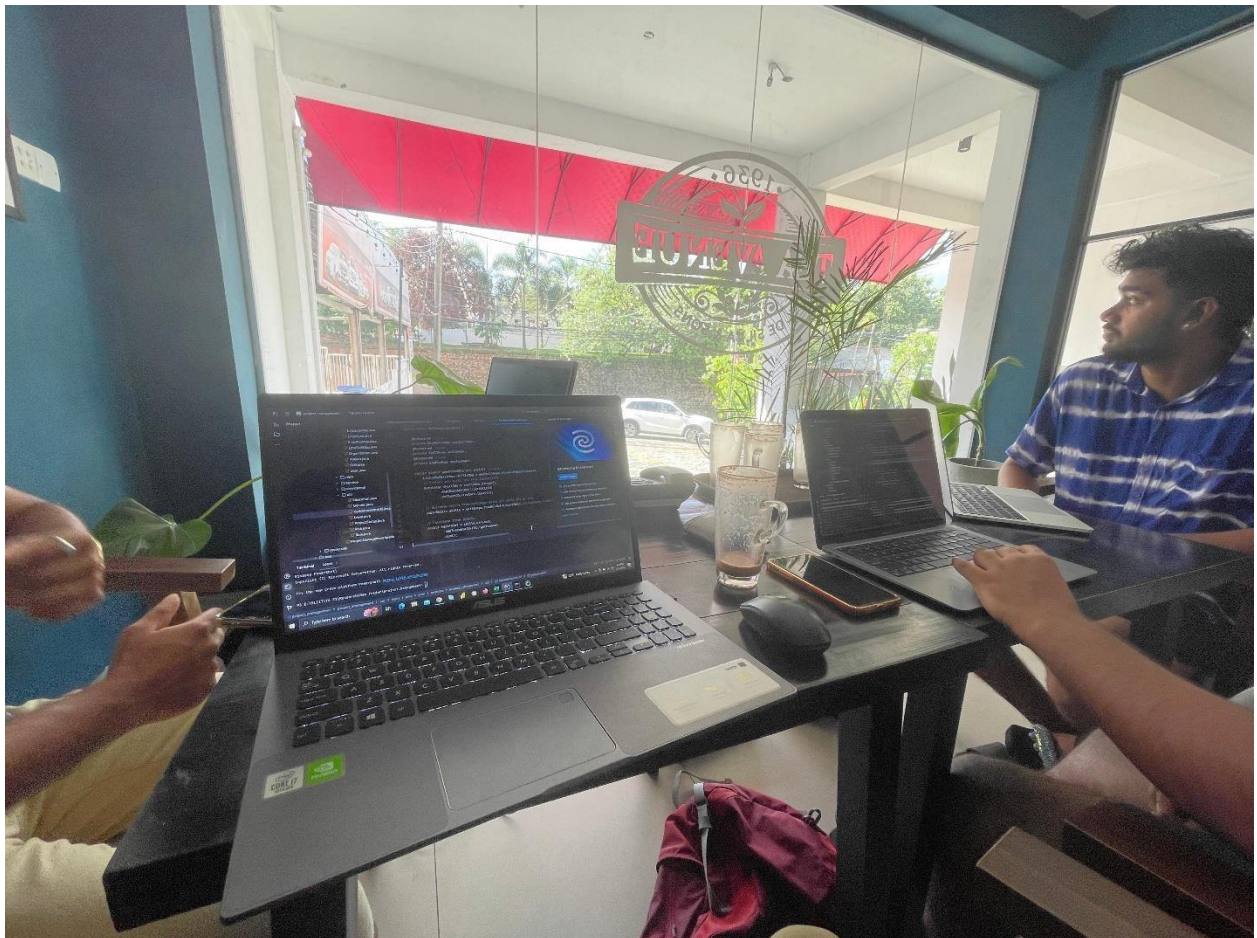
PM Pulse-Exploring a Feasible Platform for Project Management

Sandeepani J.W. H. #21049040, Rabasara J.D. #21073014, De Silva D.S.P.K.D. #21034954

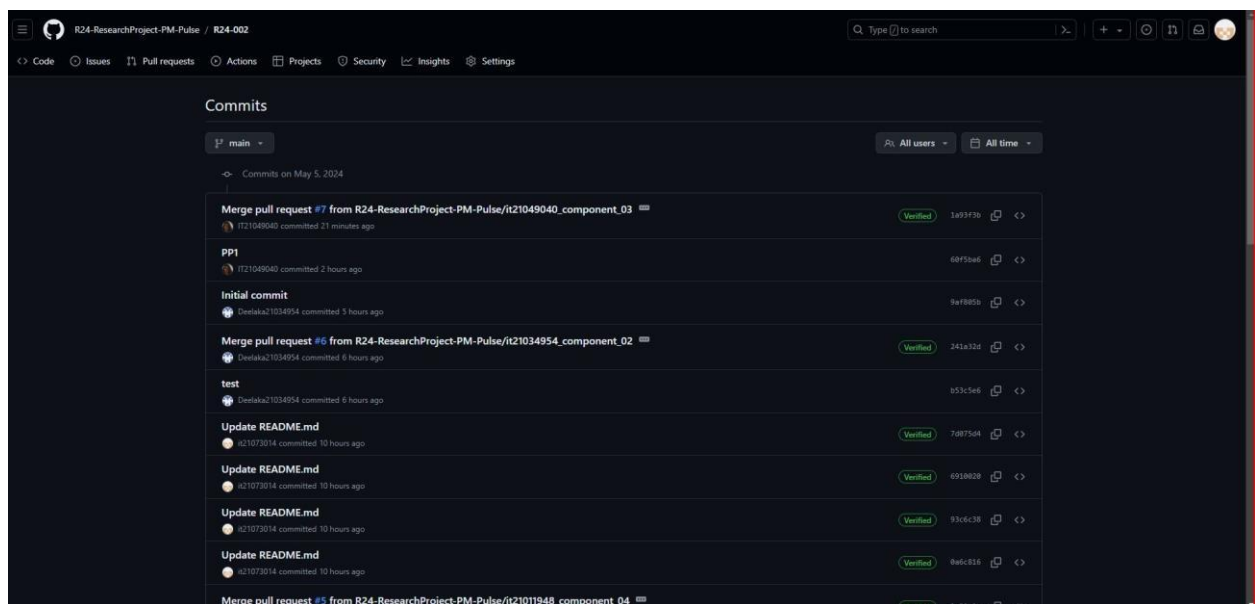
PM Pulse-Exploring a Feasible Platform for PM.pdf 8 pages • PDF • 505 kB

@Dr.Anuradha Jayakody sir we changed some points..can you please check this? 10:07 am ✓✓

07. Physical Meetings with group members



09. GitHub Commits



Merge pull request #5 from R24-ResearchProject-PM-Pulse/it21011948_component_04	Verified	1c91e1c	<>
IT21011948 committed yesterday			
Changed codes		86a6363	<>
IT21011948 committed yesterday			
Merge pull request #4 from R24-ResearchProject-PM-Pulse/it21011948_component_04	Verified	8b4854b	<>
IT21011948 committed yesterday			
Time Prediction Model		c2ac275	<>
IT21011948 committed yesterday			
Deployed Time Prediction Model		79fc779	<>
IT21011948 committed yesterday			
Deployed Time Prediction Model		7399e5f	<>
IT21011948 committed yesterday			
Time Prediction Model		73d2de7	<>
IT21011948 committed yesterday			
Merge pull request #3 from R24-ResearchProject-PM-Pulse/it21011948_component_04	Verified	8468b99	<>
IT21011948 committed yesterday			
Create Folders for Component		dbd8925	<>
IT21011948 committed yesterday			
Commits on May 4, 2024			
Merge pull request #2 from R24-ResearchProject-PM-Pulse/it21073014_component_01	Verified	6f8a594	<>
it21073014 committed yesterday			
serviceimpl init		8d2fee8	<>
it21073014 committed yesterday			
Service init		f867622	<>
it21073014 committed yesterday			
Repo file init		1c18db4	<>
it21073014 committed yesterday			

10. GitHub Contributors



11. Contribution Charts

