INTELLIGENT FIRE DETECTION AND RESPONSE SYSTEM WITH DYNAMIC NOZZLE CONTROL AND EVACUATION PLANNING

R24-098

Status Document 1

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Department of Information Technology

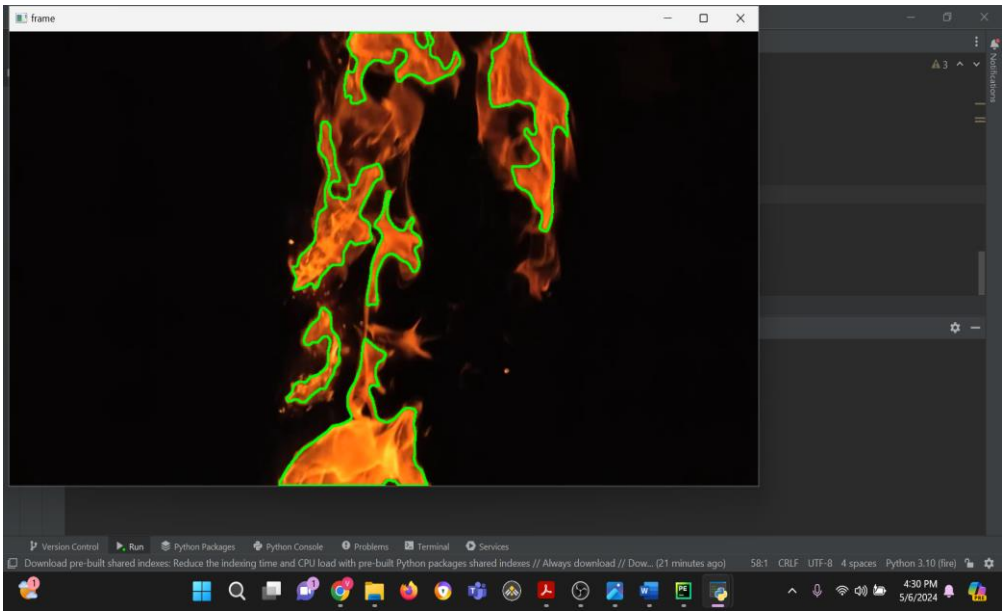
Sri Lanka Institute of Information Technology

May 2024

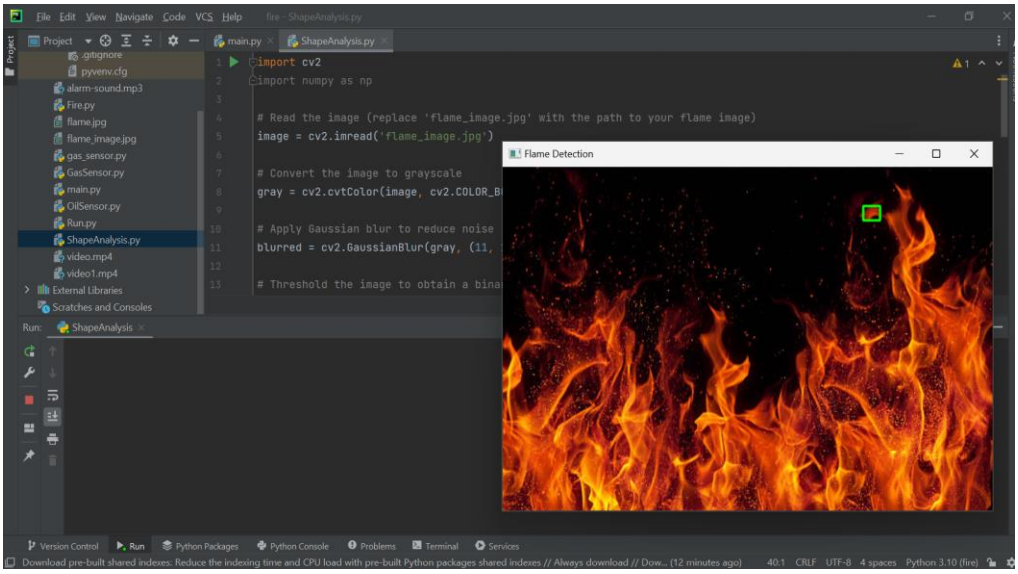
Contents

01.Test Results of the Code

1.1 Fire disaster identification by using HSV colors

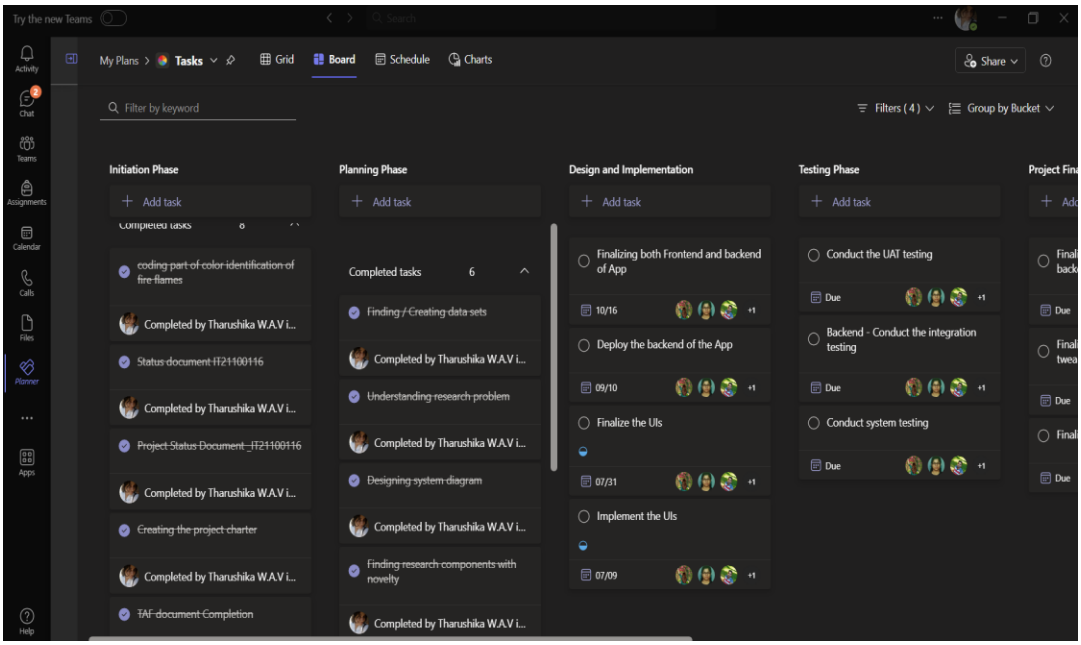


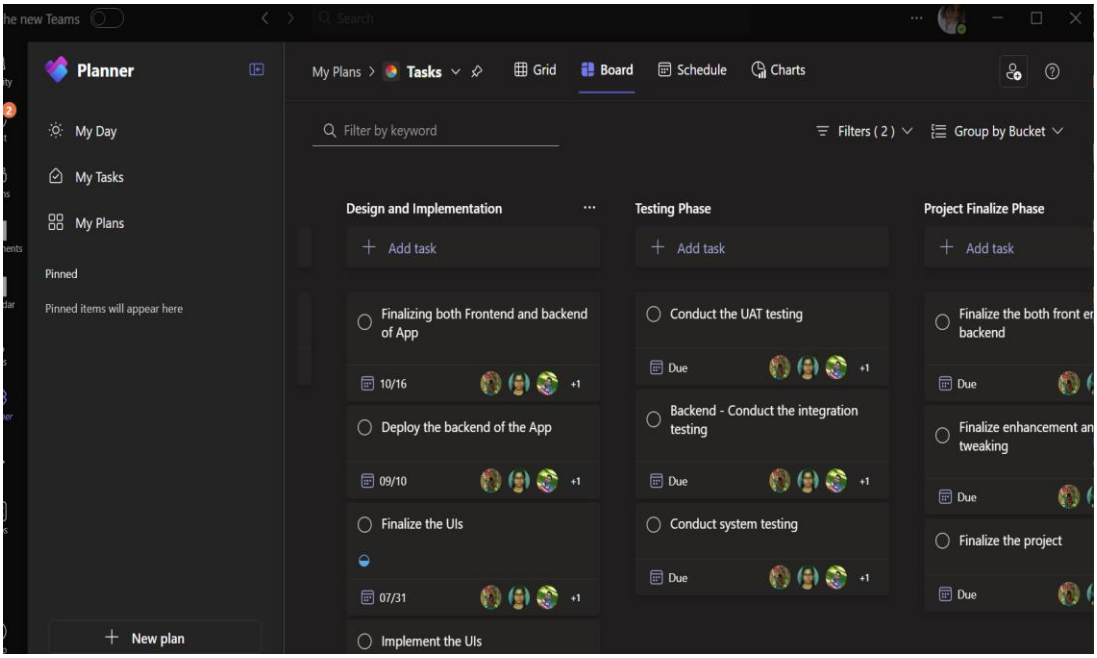
1.2 Fire disaster identification by analyzing the shape of the fire flame

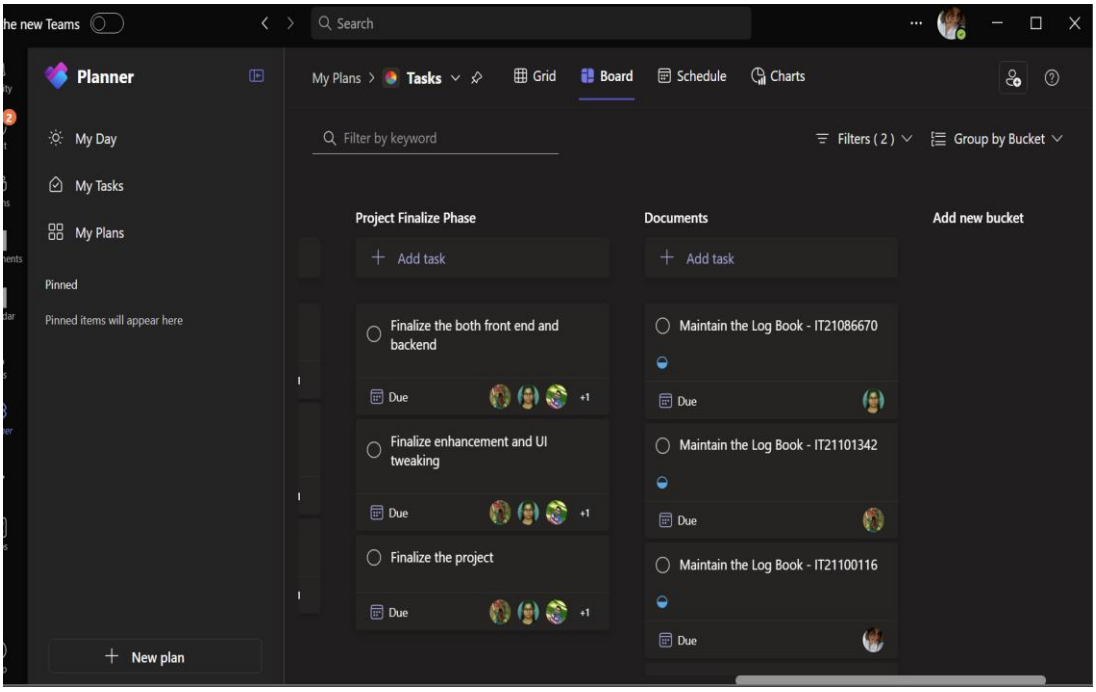


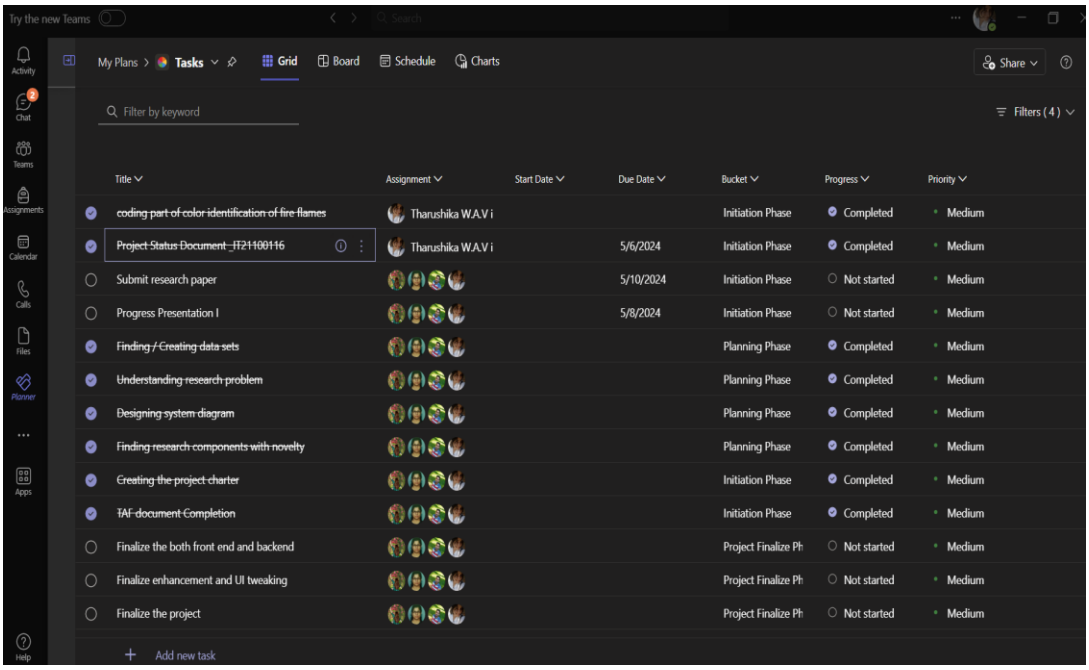
2. MS Teams Planner

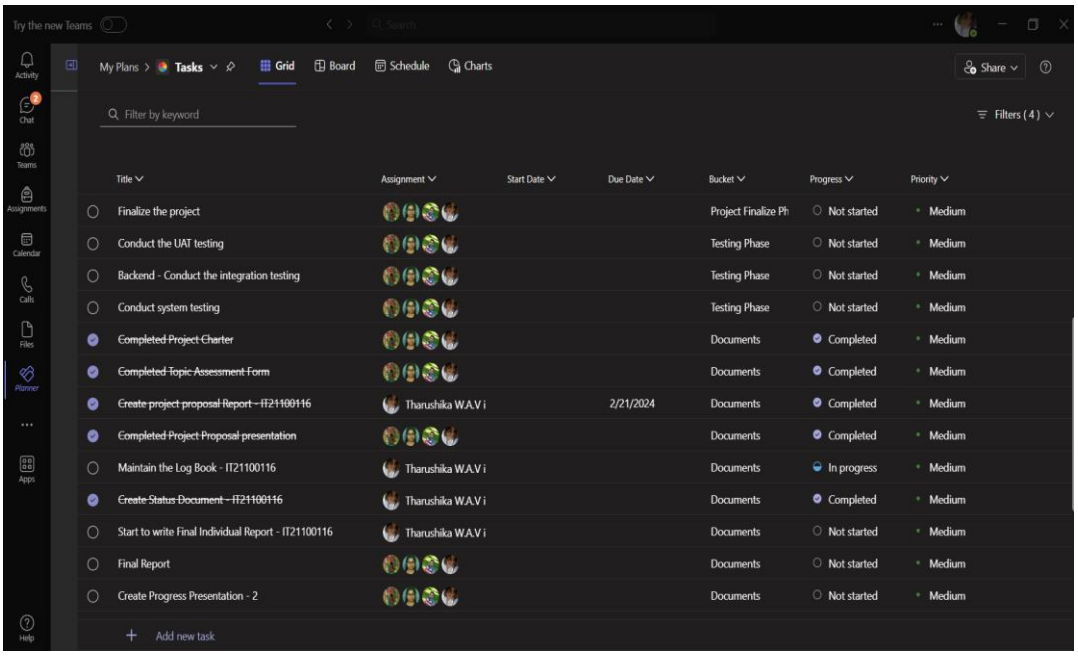
2.1 Project view of individual work distribution

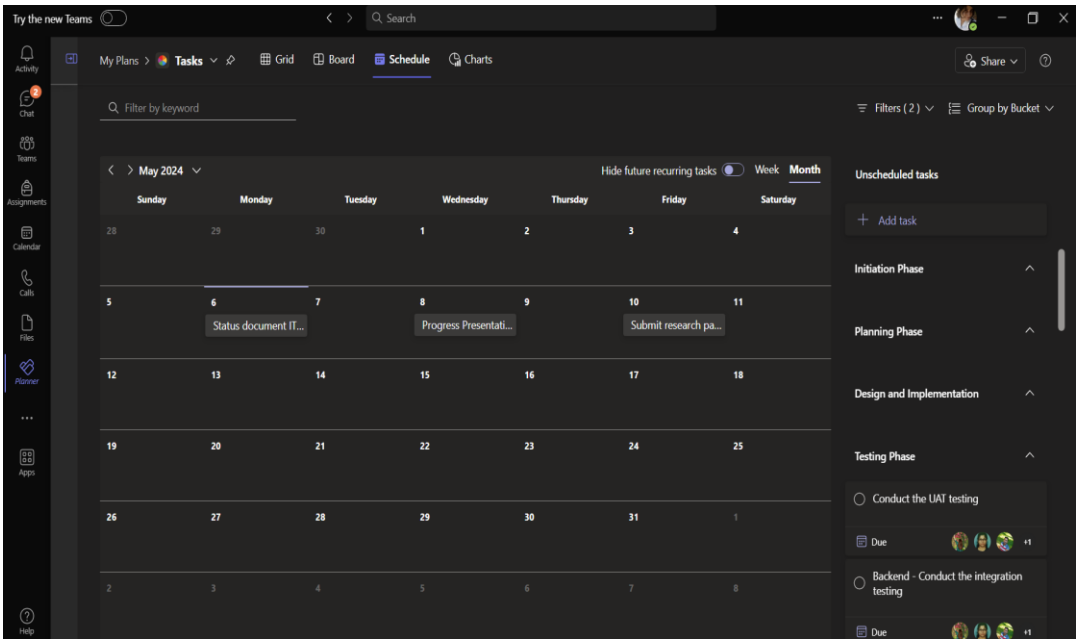





Planner
My Day
My Tasks
My Plans
Pinned
Pinned items will appear here
New plan
My Plans > Tasks
Grid
Board
Schedule
Charts
Filter by keyword
Filters (2)
Group by Bucket
Project Finalize Phase
Documents
Add new bucket
Add task
Finalize the both front end and backend
Finalize enhancement and UI tweaking
Finalize the project
Maintain the Log Book - IT21086670
Maintain the Log Book - IT21101342
Maintain the Log Book - IT21100116
Due


My Plans > Tasks
Grid
Board
Schedule
Charts
Share
Filter by keyword
Filters (4)
Title
Assignment
Start Date
Due Date
Bucket
Progress
Priority
coding part of color identification of fire flames
Tharushika W.A.V i
Initiation Phase
Completed
Medium
Project Status Document_IT21100116
5/6/2024
Submit research paper
5/10/2024
Not started
Progress Presentation I
5/8/2024
Finding / Creating data sets
Planning Phase
Understanding research problem
Designing system diagram
Finding research components with novelty
Creating the project charter
TAF document Completion
Finalize the both front end and backend
Project Finalize Ph
Finalize enhancement and UI tweaking
Finalize the project
Add new task


Try the new Teams
Search
Activity
Chat
Teams
Assignments
Calendar
Calls
Files
Planner
Apps
Help
My Plans
Tasks
Grid
Board
Schedule
Charts
Share
Filter by keyword
Filters (4)
Title
Assignment
Start Date
Due Date
Bucket
Progress
Priority
Finalize the project
Project Finalize Ph
Not started
Medium
Conduct the UAT testing
Testing Phase
Not started
Medium
Backend - Conduct the integration testing
Testing Phase
Not started
Medium
Conduct system testing
Testing Phase
Not started
Medium
~~Completed Project Charter~~
Documents
Completed
Medium
~~Completed Topic Assessment Form~~
Documents
Completed
Medium
~~Create project proposal Report - IT21100116~~
Tharushika W.A.V i
2/21/2024
Documents
Completed
Medium
~~Completed Project Proposal presentation~~
Documents
Completed
Medium
Maintain the Log Book - IT21100116
Tharushika W.A.V i
Documents
In progress
Medium
~~Create Status Document - IT21100116~~
Tharushika W.A.V i
Documents
Completed
Medium
Start to write Final Individual Report - IT21100116
Tharushika W.A.V i
Documents
Not started
Medium
Final Report
Documents
Not started
Medium
Create Progress Presentation - 2
Documents
Not started
Medium
Add new task


Try the new Teams
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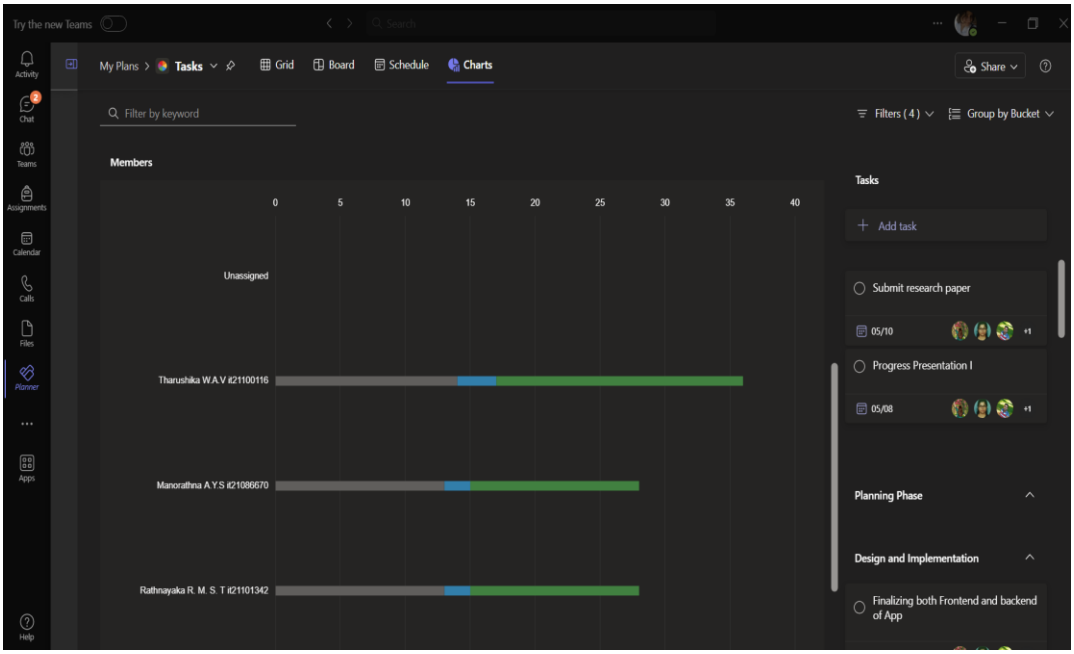
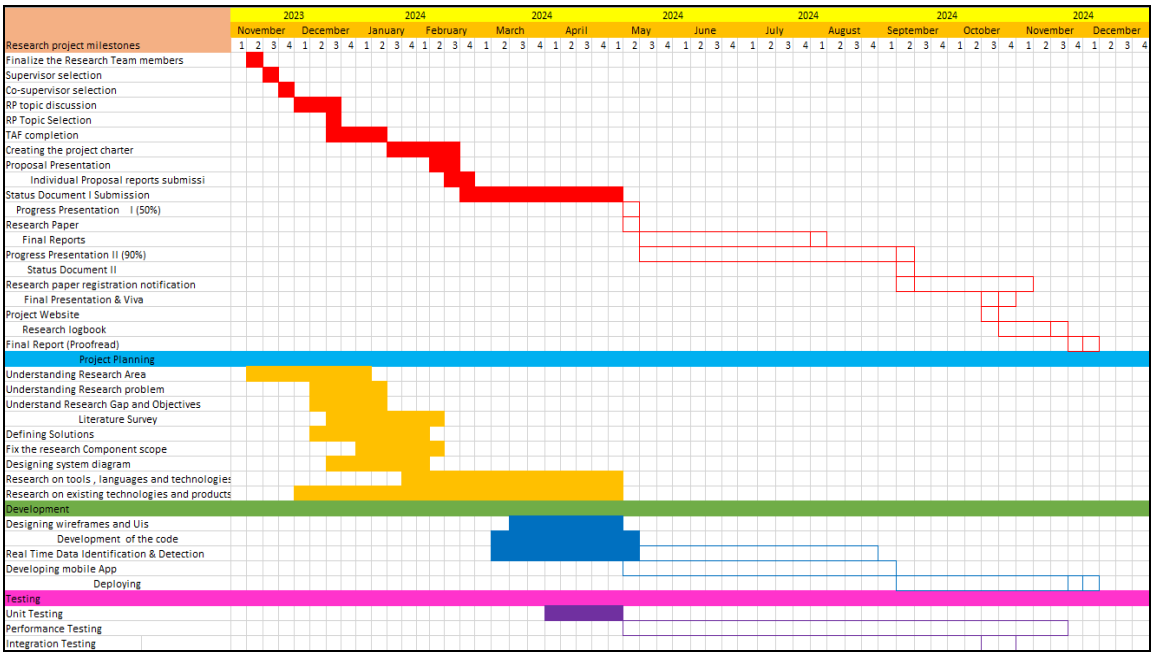
Planner
Apps
Help
My Plans
Tasks
Grid
Board
Schedule
Charts
Share
Filter by keyword
Filters (2)
Group by Bucket
May 2024
Hide future recurring tasks
Week
Month
Sunday
Monday
Tuesday
Wednesday
Thursday
Friday
Saturday
28 29 30 1 2 3 4
5 6 7 8 9 10 11
Status document IT...
Progress Presentati...
Submit research pa...
12 13 14 15 16 17 18
19 20 21 22 23 24 25
26 27 28 29 30 31 1
2 3 4 5 6 7 8
Unscheduled tasks
Add task
Initiation Phase
Planning Phase
Design and Implementation
Testing Phase
Conduct the UAT testing
Due
Backend - Conduct the integration testing
Due

2.2 Graph visualization of the individual task distribution



3. Grant Chart



4. Work Break Down Structure