

Advanced Week Planner – Full Project Documentation

1. Project Overview

The Advanced Week Planner is a low-code productivity application built with Microsoft Power Platform. It allows users to plan, organize, track, and automate weekly tasks in a structured and efficient way. The project focuses on usability, automation, data organization, and scalability.

2. Problem Description

Traditional planning methods such as paper notes or simple calendar apps lack automation, prioritization, and progress tracking. This project solves these issues by providing a centralized digital solution.

3. Objectives

- Centralize weekly planning
- Improve productivity
- Automate reminders
- Track task progress
- Provide a professional UI

4. Technologies Used

- Power Apps – User interface and logic
- Dataverse – Secure data storage
- Power Automate – Automated workflows
- Microsoft 365 – Optional integration

5. System Architecture

The application uses a cloud-based architecture. Power Apps communicates with Dataverse tables. Power Automate runs background flows for reminders, deadlines, and status changes.

6. Functional Features

- Task creation & editing
- Weekly calendar view
- Priority levels
- Status tracking
- Automated notifications

7. Data Model

Tasks Table: title, description, priority, status, deadline, assigned user

Users Table: name, role, permissions

Weekly Plan Table: week number, linked tasks

8. Security

Role-based access control ensures users only access their own data. Admins manage users, data, and automation.

9. Testing

System testing is performed using test users and sample tasks. All workflows and UI elements are validated.

10. Future Improvements

- Mobile push notifications
- Analytics dashboard
- AI task suggestions
- Team collaboration

11. Conclusion

This project demonstrates professional use of Microsoft Power Platform to build a scalable, automated productivity system.