

2 Months Online + 1 Month Offline

SKILLS
Professional Training Program

Project Management Track

A comprehensive program to master project management principles, methodologies, tools, and real-world applications



PMI / Agile / Waterfall



Project Lifecycle

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MS Project / Trello / Asana



Mobile App Capstone



Made with Genspark

Project Management Track

3-Month Professional Training Program



Table of Contents

- Program Overview
- Online Training Phase
- Offline Immersion Phase

Program Curriculum & Roadmap

■ Program Foundations

1 Program Overview

Structure, goals & methodology

2 Learning Outcomes

Skills & competencies

3 Methodologies Overview

PMI, Agile & Waterfall

4 Project Lifecycle

From initiation to closure

5 Project Management Tools

MS Project, Trello & Asana

□ Phase 1: Online Training (Months 1-2)

6 Month 1: Week 1-2

PM fundamentals & initiation

7 Month 1: Week 3-4

Scope & time management

8 Month 2: Week 5-6

Cost & risk management

9 Month 2: Week 7-8

Quality, communication & Agile

■ Phase 2: Offline Immersion & Capstone (Month 3)

10 Capstone Introduction

Mobile app project overview

11 Week 9: Initiation

Charter & stakeholder analysis

12 Week 10: Planning

Schedule & budget development

13 Week 11: Risk Planning

Risk register & communication

14 Week 12: Presentation

Plan finalization & delivery

15 Graduation

Career development & certification

Program Overview

A 3-month blended learning program with online foundational training and offline immersive capstone. Suitable for aspiring project managers and leaders in tech, business, and beyond.



3-month comprehensive curriculum



2 months online + 1 month offline



Industry-recognized certification



Key Learning Outcomes

Upon completion of the Project Management Track, participants will be able to:



Master PM Methodologies

Apply PMI, Agile, and Waterfall methodologies to diverse project scenarios



Manage Core Areas

Execute scope, risk, schedule, stakeholder & communication management



Tool Proficiency

Utilize MS Project, Trello, Asana, and Gantt charts for project planning



Documentation

Create professional project documentation including charters, WBS, risk registers



Capstone Project

Design and present a full project plan for a mobile app launch



Leadership Skills

Lead project teams effectively through all phases of the project lifecycle

Project Management Methodologies: PMI, Agile, Waterfall

Compare the most influential methodologies used in modern project management:



PMI/PMBOK Framework

Comprehensive process groups: Initiating, Planning, Executing, Monitoring & Controlling, and Closing.

Best for: Complex projects requiring formality and documentation.



Waterfall

Sequential phases: Requirements, Design, Implementation, Verification, Maintenance.

Best for: Projects with well-defined, unchanging requirements.

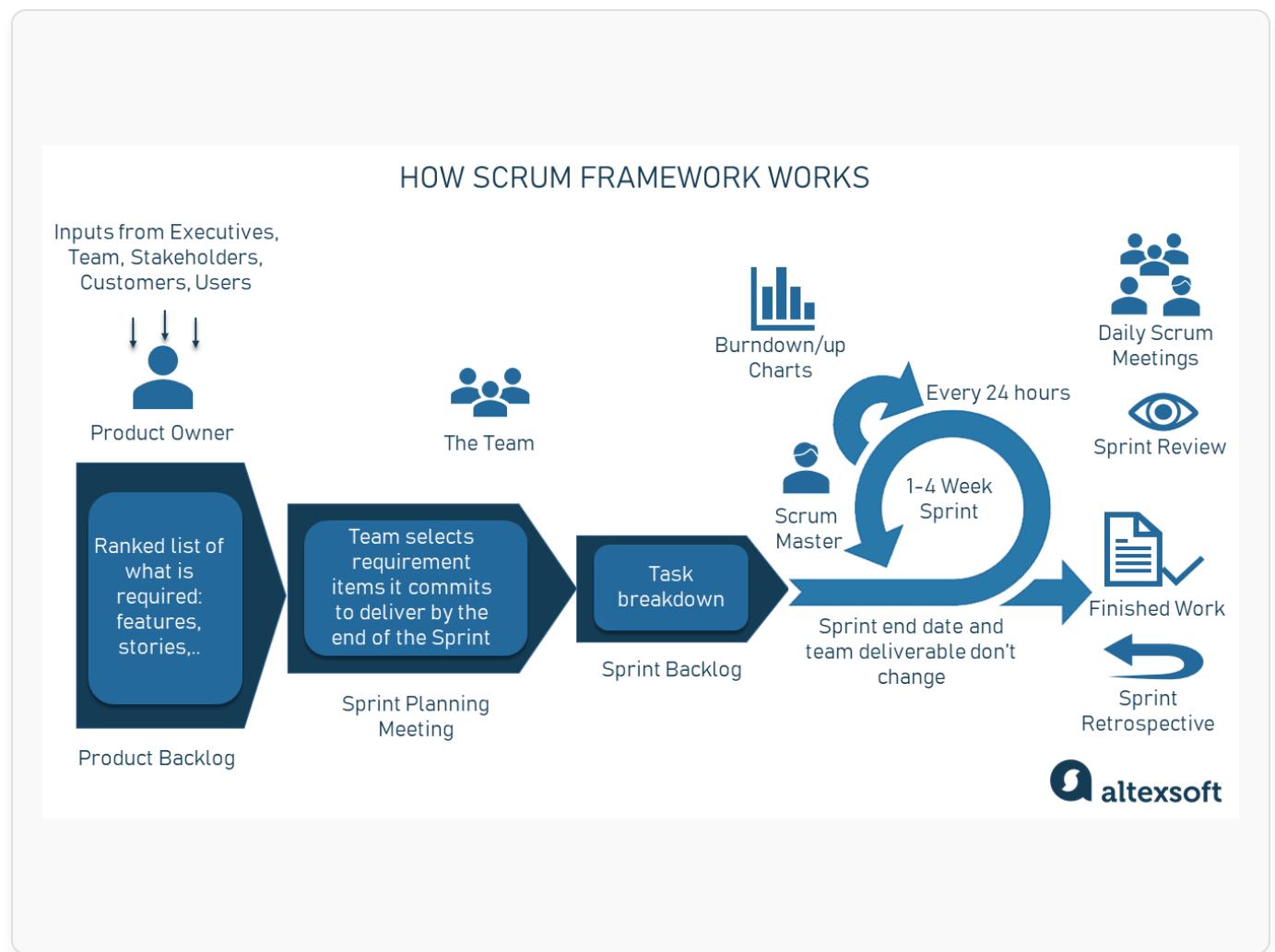


Agile/Scrum

Iterative approach with sprints, daily standups, and continuous feedback.

Best for: Projects requiring flexibility and frequent stakeholder input.

Methodology Workflow Comparison



Selection Criteria:

Consider project size, complexity, stability of requirements, stakeholder involvement, and team experience when selecting a methodology.



Documentation
Heavy → Light



Flexibility
Low → High



Collaboration



Structure

The Project Lifecycle

Every project moves through common phases that ensure successful and predictable project delivery:



Initiation

Define the project's purpose, create the Project Charter, identify key stakeholders, and confirm business justification.



Planning

Develop detailed project plans: scope, schedule, budget, quality, resources, communications, risk, and procurement plans.



Execution

Complete the work defined in the project management plan, coordinate resources, and implement approved changes.



Monitoring & Controlling

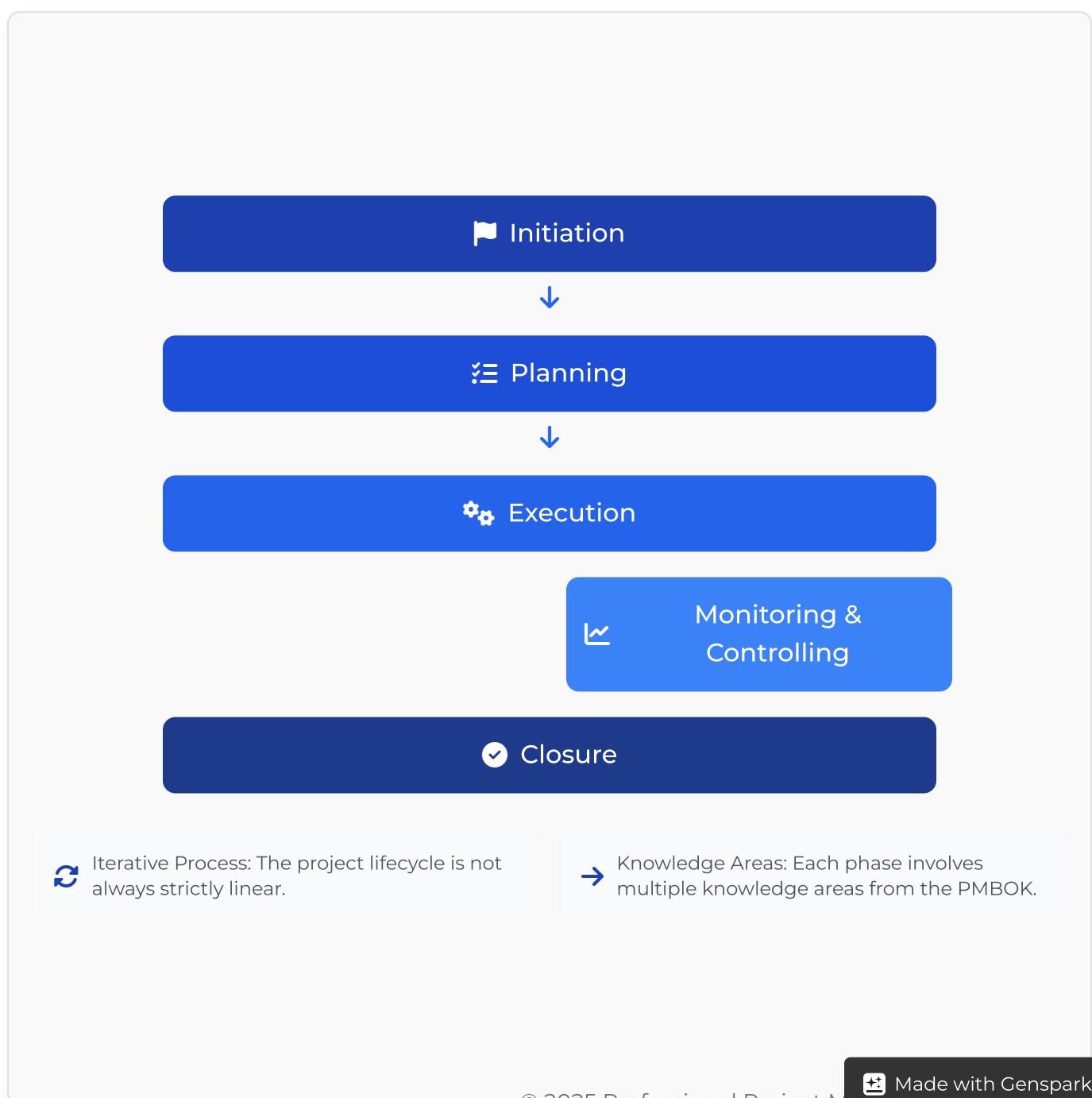
Track, review, and regulate progress; identify areas requiring changes and initiate them; monitor project activities against the plan.



Closure

Finalize all activities, formally complete the project, conduct post-project reviews, document lessons learned, and release resources.

Project Lifecycle Flow



Essential Project Management Tools

Learn to use professional tools that improve project planning, execution, and monitoring:

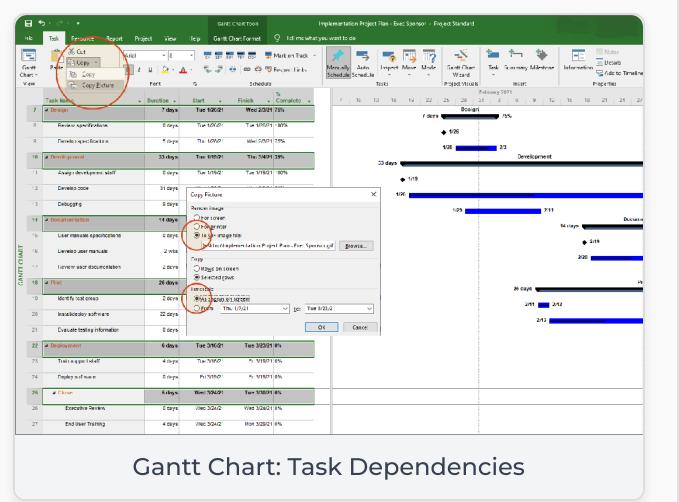
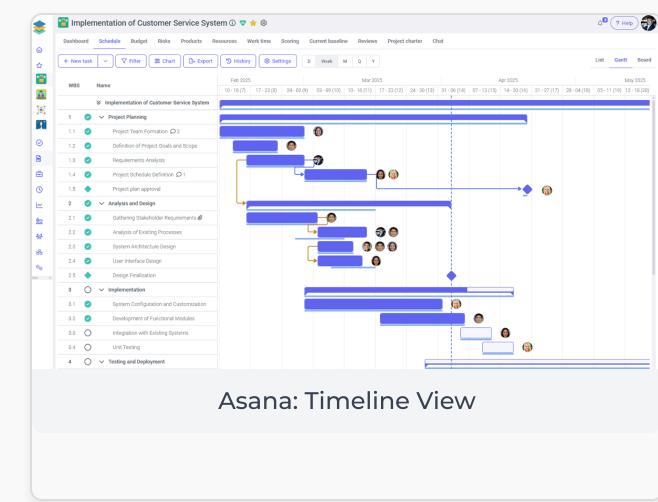
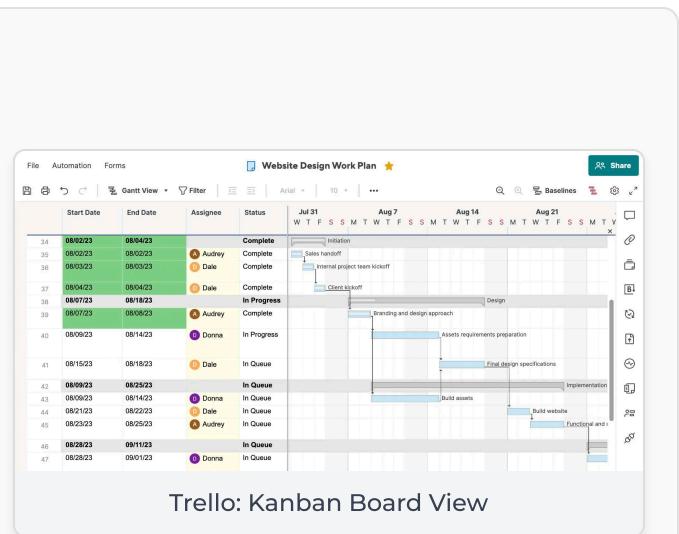
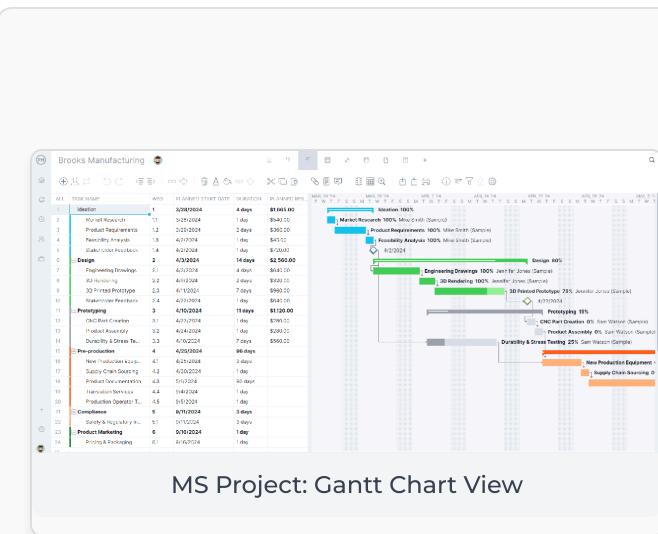


Microsoft Project

Industry-standard software for detailed scheduling, resource management, and Gantt chart creation.

Best for: Complex projects requiring detailed timeline tracking and resource allocation.

Tool Interfaces & Capabilities



Trello

Visual task management with boards, lists, and cards for collaborative project tracking.

Best for: Agile teams using Kanban methodology and visual project management.

Hands-On Training:

Participants will receive guided practice with each tool through real-world exercises and scenarios, ensuring practical skill development.



Phase 1: Month 1 – Fundamentals & Planning

Building a strong foundation in project management principles through online learning.



Week 1: Introduction to Project Management

- Project characteristics, constraints (triple constraint, 6 constraints)
- Project Manager roles and responsibilities
- PMI Framework and PMBOK overview
- Waterfall vs. Agile methodologies - conceptual comparison
- Hands-on: Case study analysis of project characteristics



Week 2: Project Initiation & Stakeholder Management

- Project Charter development
- Stakeholder identification and analysis (Power/Interest Grid)
- Stakeholder engagement planning strategies
- Organizational structures (Functional, Matrix, Projectized)
- Hands-on: Draft a Project Charter and stakeholder analysis



Week 3: Scope Management & WBS

- Project requirements and scope definition
- Work Breakdown Structure (WBS) creation principles
- Scope baseline and scope creep management
- Project Management Plan development
- Hands-on: Develop a WBS using Trello or Asana



Week 4: Time Management & Gantt Charts

- Activity definition, sequencing and dependencies
- Duration estimating techniques (analogous, parametric, three-point)
- Network diagrams and critical path analysis
- Gantt chart creation and interpretation
- Hands-on: Create a project schedule with MS Project or online tools



Phase 1: Month 2 – Advanced Planning & Agile

Building on fundamentals, Month 2 focuses on advanced planning techniques and introduces Agile methodologies:



Week 5: Cost Management

Cost estimating techniques, budgeting, contingency reserves, and creating cost baselines for project activities



Week 6: Risk Management

Risk identification, qualitative/quantitative analysis, response planning with hands-on risk register creation



Week 7: Quality & Communication

Quality planning tools, communication types, channels and planning for effective project information flow



Week 8: Agile & Scrum

Agile Manifesto, Scrum roles, events and artifacts, writing user stories, and managing Kanban boards



Agile Methodologies Focus

By the end of Month 2, participants will understand how traditional and Agile methodologies complement each other, with practical experience setting up and managing Scrum and Kanban boards using Trello/Asana for iterative development.



Phase 2: Month 3 – Capstone Project

Offline, in-person teamwork begins. Teams are formed and mentored as you prepare a comprehensive project plan for a mobile app launch—including stakeholder analysis, WBS, and documentation.



Team-based collaborative learning



Mobile app launch project planning



Direct mentorship from industry experts



Week 9: Project Initiation & Scope Definition

During the first week of offline training, teams will focus on defining the mobile app project's foundation:



Project Charter

The formal authorization document that outlines project purpose, objectives, success criteria, and stakeholders.

Key components: Business case, objectives, high-level requirements, milestones, and constraints.



Stakeholder Analysis

Identify all key stakeholders (developers, designers, users, investors) and analyze their power/interest relationship.

Deliverable: Stakeholder register and engagement strategy for the mobile app launch.



Scope Definition & WBS

Develop a detailed WBS breaking down all deliverables required for the mobile app project completion.

Follows the 100% rule: The WBS includes 100% of the work defined by the project scope.

Week 9 Deliverables:

1. Complete Project Charter document
2. Stakeholder Analysis matrix
3. Comprehensive WBS for mobile app development and launch

Mobile App Project - Work Breakdown Structure Example

Mobile App Launch Project

1. Planning

- Requirements gathering
- Technical specifications
- Resource allocation

2. Design

- UX wireframing
- UI design
- Architecture design

5. Marketing & Launch

- Market research
- Marketing materials
- Launch campaign
- Post-launch support

3. Development

- Frontend development
- Backend integration
- Database setup

4. Testing & Deployment

- QA testing
- User acceptance testing
- App store submission

Project Charter Example

Project Name: FitTrack Mobile App
Sponsor: HealthTech Partners
Objectives: Create fitness tracking app with social features
Success Criteria: 10,000 downloads in first month

Stakeholder Analysis

High Power, High Interest	High Power, Low Interest
App Investors, CEO	Legal Team, Board
Low Power, High Interest	Low Power, Low Interest
End Users, Dev Team	Support Staff



Week 10: Schedule & Cost Planning

In Week 10, teams develop detailed schedules and cost estimates for the mobile app project:



Activity Definition

Break down WBS elements into specific activities for the mobile app development process (design, development, testing, deployment).



Activity Sequencing

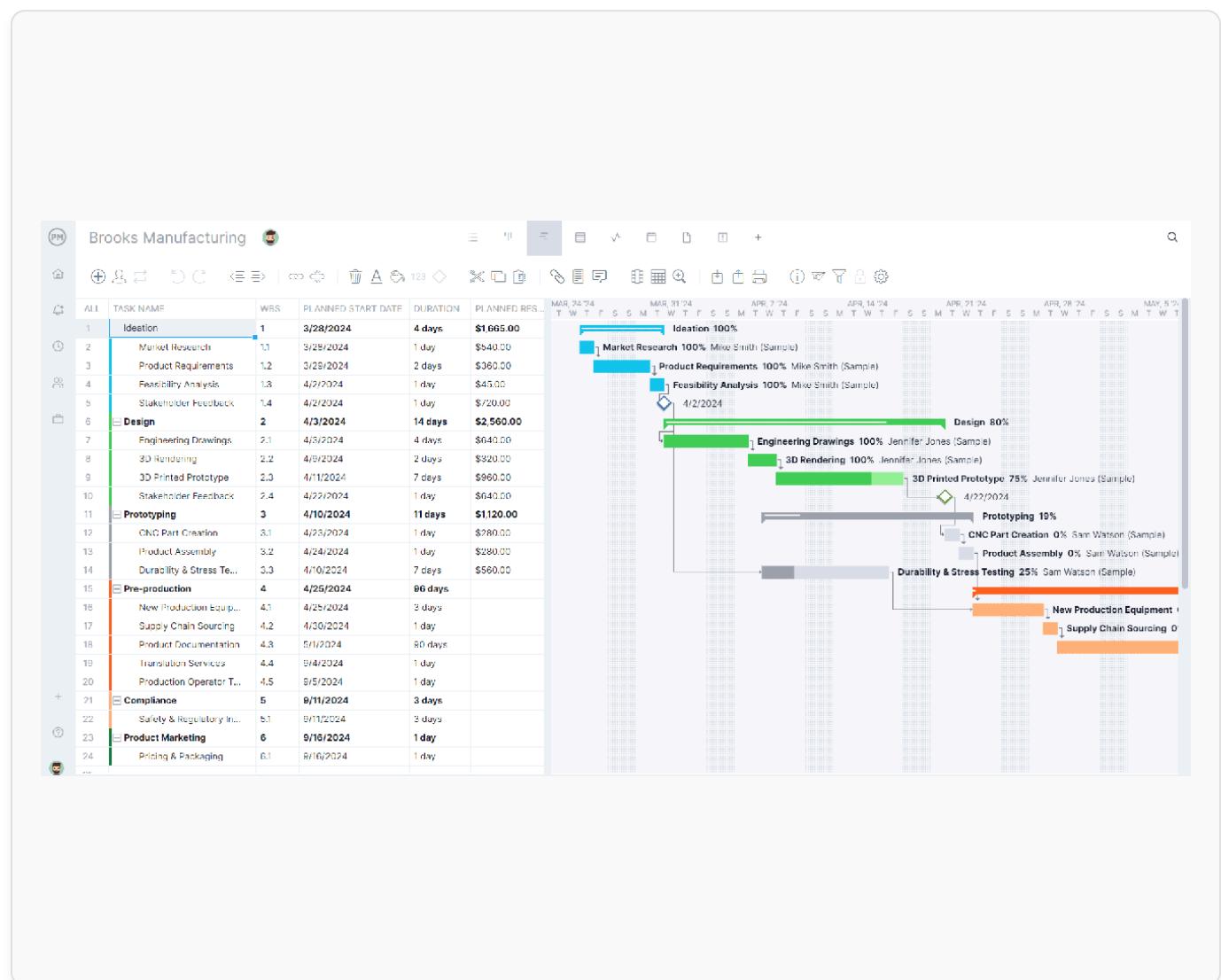
Define dependencies between activities (FS, SS, FF, SF) to create a logical workflow for the app launch.



Cost Estimation

Develop preliminary budget estimates using bottom-up and analogous techniques for the mobile app project.

Mobile App Launch - Gantt Chart Example



Mobile App Budget Categories:

Development: 45-50%
UI/UX design, front-end, back-end, API integration

Testing & QA: 20-25%
Functional, performance, security testing

Deployment & Marketing: 15-20%
App store fees, launch campaign, SEO



Timeline: 12 weeks
from design to launch



Critical Path
Development & Testing
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Buffer Time
2 weeks
Made with Genspark

Week 11: Risk, Communication & Quality Planning

In Week 11, participants will develop comprehensive risk, communication, and quality plans for the mobile app launch project:



Risk Management

Identify potential project risks using brainstorming, SWOT analysis, and historical data review.

Sample Risk Register:

Risk	Probability	Impact	Response Strategy
App store rejection	Medium	High	Mitigate: Pre-review with developer relations
User data security breach	Low	Very High	Transfer: Implement third-party security service



Communication Plan

Create a comprehensive communication strategy for all stakeholders:

- Internal team: Daily standups, weekly progress reports
- Executives: Bi-weekly status presentations
- Investors: Monthly milestone updates
- Users/Beta testers: Release notes, feedback channels
- Marketing team: Content calendar, launch materials



Quality Planning

Establish quality control mechanisms for the mobile app launch:

- User acceptance testing protocols
- Functional requirement validation
- Performance benchmarking standards
- Security compliance verification



Week 11 Deliverables

By the end of this week, teams will complete:

- Comprehensive Risk Register with response strategies
- Stakeholder Communication Matrix
- Quality Management Plan with control points
- Weekly progress presentation to mentors



Week 12: Finalization & Project Plan Presentation

In this final week, teams will complete, present, and refine their mobile app project plans:



Project Plan Compilation

Consolidate all project components into a comprehensive project management plan document



Final Deliverables

Generate executive summaries, project schedules, and risk assessments for stakeholder review



Presentation Preparation

Create compelling slide decks and practice delivering the project plan to mentors and industry guests



Feedback Integration

Collect and incorporate feedback from mentors, peers, and industry professionals



Final Assessment

Demonstrate mastery of project management concepts through defense of project plan choices



Career Preparation

Begin portfolio development with your completed project plan as a professional sample





Graduation & Career Development

Your Journey Continues



Certification

Receive your Project Management Professional certification, recognized by industry leaders worldwide.



Portfolio Building

Develop a professional portfolio featuring your capstone project and management artifacts.

Career Tip

Your mobile app project plan can serve as a powerful portfolio piece when interviewing for project management positions.



Networking Opportunities

Connect with industry professionals through exclusive graduation events and alumni network.

Industry Mixers

Alumni Network

Mentorship Program



Final Celebration

Join us for the graduation ceremony celebrating your achievements and new career path.

Career Development Workshops

- Resume & LinkedIn Optimization
- Technical & Behavioral Interview Preparation
- Salary Negotiation Strategies

