Learning Journal

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Course: Software Project Management

Journal URL: https://github.com/arextron/SPM---Journals.git

Dates Range of activities: 3rd October to 15 October

Date of the journal: 1st November

Chapter 6

Chapter 6: Project Planning

- **Key Concepts Learned:**
  - Project planning covers scheduling, budgeting, manpower, communication, and quality.
  - Techniques: Top-down and bottom-up planning, WBS for task organization.
  - Critical path analysis and Goldratt's method for scheduling.
  - Supplier management, communication, and quality planning are essential.
- **Application in Real Projects:**
  - Implementing WBS for task and resource management.
  - Applying critical path analysis to optimize task sequencing.
  - Exploring communication plans to reduce miscommunication.
- **Peer Interactions:**
  - Learned about automated communication tools to reduce errors.
  - Discussed alternative budgeting methods for cost control.
- **Challenges Faced:**
  - Difficulty in accurate resource allocation for complex tasks.
  - Balancing quality with tight timelines.
- **Personal Development Activities:**
  - Practiced WBS and critical path analysis.
  - Reviewed project budgeting strategies.
- **Goals for the Next Week:**
  - Explore full/partial iteration models.
  - Strengthen understanding of Goldratt's critical chain method.

Chapter 7

- **Key Concepts Learned:**
  - Monitoring and control use project plans as baselines.
  - Techniques: EVM, variance analysis, KPIs for tracking schedule, budget, and quality.
  - EVM assesses schedule/budget adherence; corrective actions keep projects aligned.
- **Application in Real Projects:**
  - Using EVM to track cost and schedule progress.
  - Setting baselines to enable quick response to variances.
- **Peer Interactions:**
  - Discussed defect density tracking for quality control.
  - Importance of regular baseline updates in iterative projects.
- **Challenges Faced:**
  - Learning precise EVM implementation.
  - Time-intensive data collection for variance analysis.
- **Personal Development Activities:**
  - Studied EVM case studies.
  - Practiced automated tracking in project management tools.
- **Goals for the Next Week:**
  - Practice EVM on a small project.
  - Improve variance analysis skills.