Project Planning Outline

A. **PROJECT OVERVIEW**

- **Description:** Provides a summary of the software project, including its purpose, scope, objectives, and expected benefits.

  Example:
  - *"This project aims to develop an e-commerce mobile application that allows users to browse, purchase, and track products efficiently."*

B. **PROJECT OBJECTIVES**

- **Description:** Defines measurable goals that the project seeks to achieve.

  Example:
  - *Improve transaction speed by 30%, enable 24/7 customer access, and integrate secure payment gateways.*

C. **SCOPE OF THE PROJECT**

- **Description:** Specifies what is included and excluded in the project. It prevents scope creep and clarifies boundaries.

  Example:
  - *The project includes mobile app development for Android and iOS but excludes web-based development in the initial phase.*

D. **PROJECT DELIVERABLES**

- **Description:** Lists the tangible and intangible outcomes expected from the project.

  Example:
  - *Software Requirements Specification (SRS), prototypes, final application, documentation, and test reports.*

E. **WORK BREAKDOWN STRUCTURE (WBS)**

- **Description:** Breaks the project into manageable tasks and sub-tasks for easier tracking and assignment.

F. **PROJECT SCHEDULE (TIMELINE)**

- **Description:** Defines milestones, deadlines, and dependencies using tools like Gantt charts and CPM.

G. **RESOURCE PLANNING**

- **Description:** Identifies human resources, tools, technologies, hardware, and budget requirements.

  Example:
  - *1 Project Manager*
  - *3 Developers*
  - *1 Tester*
  - *Technologies: React Native, Node.js, Firebase.*

H. **BUDGET AND COST ESTIMATION**

- **Description:** Provides detailed cost estimates for development, testing, deployment, and maintenance.

  Example:
  - **Estimated Cost: $50,000**
    Development   = $30,000
    Testing   = $10,000
    Deployment   = $5,000
    Maintenance   = $5,000