

Software Scope Report



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Scope, Vision, Mission, Objectives, and Goals in Software Project Management

1 General Definitions

1.1 Scope of Project

Definition: The scope defines the boundaries of the project, including what will be delivered, what features and functionalities will be included, and any constraints.

Explanation: Think of scope as a contract that outlines what is included in the project and what is not. It ensures everyone knows what to expect and prevents unnecessary changes.

1.2 Vision

Definition: The vision is a high-level, long-term aspiration of what the project or product aims to achieve.

Explanation: It's like a dream or the big picture of what success looks like. The vision statement helps guide the project team in the right direction.

1.3 Mission

Definition: The mission defines the purpose of the project—why it exists and what it intends to achieve in the present.

Explanation: If vision is the dream, the mission is the plan to reach that dream. It explains what the project does, for whom, and how.

1.4 Goals and Objectives

Goals: Broad, high-level achievements the project aims to accomplish. They provide direction but do not include details on how to achieve them.

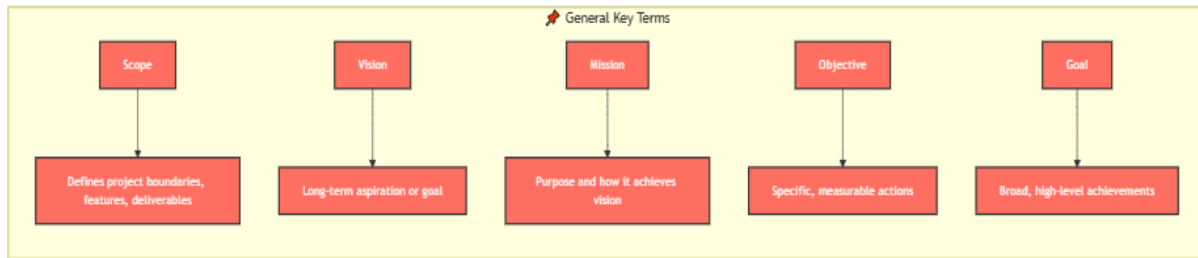
Objectives: Specific, measurable, achievable, relevant, and time-bound (SMART) steps that lead to achieving a goal.

Example:

Goal: “To implement a cloud-based hospital management system within 12 months.”

Objective:

- Develop a patient record management module within 3 months.
- Integrate appointment scheduling by next 3 months.
- Conduct system testing and user training in end.



2 Scope, Vision, Mission, Objectives, and Goals of the AI Career Path Navigator

2.1 Project Scope

Definition: The scope of this project defines the boundaries of what will be developed and delivered in the MVP (Minimum Viable Product) and its future enhancements.

Scope of AI Career Path Navigator:

- Develop a web-based AI-driven career guidance platform for students.
- Deliver an MVP with essential features, including student profile setup, AI-powered career recommendations, job and internship listings, resume builder, counselor scheduling, AI chatbot, and admin dashboard.
- Provide real-time career assistance through counselors and AI insights.
- Future enhancements include ATS score calculation, transportation assistance, and career path visualization.
- The project will evolve based on user feedback and industry demands.

2.2 Project Vision

Definition: The vision defines the long-term aspiration of the project—what it aims to achieve in the future.

Vision Statement: *“To revolutionize career guidance for students by leveraging Artificial Intelligence to provide personalized career recommendations, enhance skill development, and bridge the gap between education and industry needs.”*

2.3 Project Mission

Definition: The mission explains the project’s current purpose and how it will achieve its vision.

Mission Statement: *“To develop an AI-driven career navigation platform that provides students with tailored career guidance, job and internship opportunities, learning resources, and resume-building tools, ensuring they make informed career decisions and enhance their employability.”*

2.4 Key Objectives

Definition: Objectives are specific, measurable steps taken to achieve the project's goals.

Objectives of AI Career Path Navigator:

- **Personalized Career Guidance:** Provide AI-driven career recommendations based on students' academic backgrounds, skills, and interests.
- **Skill Development:** Offer learning resources, certifications, and resume-building tools to improve student employability.
- **Job & Internship Matching:** Connect students with suitable job and internship opportunities.
- **Counselor Assistance:** Facilitate one-on-one career counseling for personalized guidance.
- **Admin Oversight:** Provide an intuitive dashboard for managing students and counselors.

2.5 Project Goals

Definition: Goals are broad, high-level achievements that the project aims to accomplish over time.

Goals of AI Career Path Navigator:

- Develop and launch a functional MVP with essential career guidance features.
- Enhance employability for students by offering AI-driven career insights and skill development tools.
- Increase accessibility to career counseling through AI-powered recommendations and one-on-one counselor sessions.
- Ensure smooth interaction between students, counselors, and administrators through an intuitive dashboard.
- Continuously improve the platform based on user feedback and evolving job market trends.

