

## SOEN6841 (winter 25)

### Activity #1

#### Chapter 2 summary

**1- Use short and brief one sentence to define the following:**

- **How is a project initiated?**

A project is initiated with intent by the creation of a Project Charter, Project Scope and Project Objectives, along with budget, effort, and time estimates to provide an educated jumping-off point for development and delivery.

- **What is a project charter?**

A project charter is a major document that project upper management creates to assess what is needed for the project.

- **What is project scope?**

Project scope is the declarative statement that explains what needs to be done for the project to be successful.

- **What are the objectives in a project?**

Project Objectives are such things as user satisfaction. Project Objectives are those things that need to be done (WHAT) but not how (HOW). They are SMART (Specific, Measurable, Achievable, Relevant, Time-Constrained) because these are the criteria that assess an anticipated goal that needs to be accomplished for successful project management.

- **What project activities are performed during project initiation?**

Project Activities include the Project Charter, determine Project Scope and Project Objectives, preliminary budgeting/effort estimation, and high-level schedule and breakdown.

**2- Give an idea of a project and in few words give an example of the following:**

Topic – E-Learning Platform for Students

- **Project Charter:**

The innovative aspect of this project is an e-learning platform via which secondary students will interact through an interactive course, virtual classroom, and assessment application. This project promotes educational equity and access with the bonus of AI-empowered customized learning and assessment feedback.

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- **Project Scope:**

The deliverables for the system to be developed in a year and a half for this online e-learning solution include Logins for students, teachers, and parents. Subject-related video lessons that can be viewed and downloaded, quizzes and additional learning resources that can be downloaded and tested, along with teacher-uploaded, downloadable synopses of live classes and teacher-provided attendance. Activity will generate AI suggestions, and the system is accessible on PCs and mobile devices. The system will support 50,000 concurrent users while ensuring data privacy compliance.

- **Project Objectives:**

Access to a quality education for 50,000 students nationally. 30% reduction in average time to complete assessments due to quiz style and immediate feedback options. Teachers empowered through performance analytics to quickly identify and rectify student learning gaps. 99% platform uptime for assured access and minimal downtime.