USE-CASE NAME: Student Project Task Tracker	USE CASE ID: SP-001	Important Level: High
Short DESCRIPTION:	Students can efficiently manage their project tasks, deadlines, and team collaboration using the Student Project Task Tracker. They can create, assign, and track tasks, communicate with team members, and monitor project progress.	
Trigger:	A student initiates project management activities for their assigned project or a project they are leading.	
Type:	Temporal	
Major Inputs:		Major outputs:

Description	SOURCE	Description	Destination
Search Request	Student	**Task Creation and Assignment**	Problem solving
CDs (Critical Dependencies) selected for request	Student	**Task Tracking**	Code-forces

Customer Information and Marketing Material Request:
 	
1.   **Customer Information:**
    • **Name: Educational Institutions, Students**
    • **Contact Person: IT Department, Students' Project Coordinators**
    • **Contact Information: Email, Phone Number**
		Communication	Student

1. **Marketing Material:** **Critical Dependencies (CDs) selected for request:**	Student	**Project Progress Monitoring**	Student

• **Zip Code: (Based on the institution's location)**	Student	**Report Generation**	Student
• Critical Dependencies (CDs) Inventory:	Inventory DB	**Notification System**	Student
• Major Steps Performed:	**Information FOR steps**		
• **1-Login: Students log in to the Student Project Task Tracker system.** •	• **Inputs:** Username, Password • **Outputs:** User authentication, access to the system dashboard.		
• **2-Create Project: Students create a new project or select an existing one.** •	1. • **Inputs:** Project name, description, team members (if applicable) • **Outputs:** Project created, added to the dashboard.		

• **3-Create Tasks: Students create tasks for the project, assign them to team members if applicable, and set deadlines.** •	• **Inputs:** Task name, description, assigned team member (if applicable), deadline. • **Outputs:** Task created, visible on the project dashboard.
• **Track Task Progress: Students track the progress of tasks, mark them as completed, and update task statuses.** •	• **Inputs:** Task status update (completed/in progress), task notes (if any) • **Outputs:** Task status updated, progress tracked.
• **Communication: Students communicate with team members and supervisors through the system, facilitating collaboration.** •	• **Inputs:** Messages, comments, file attachments. • **Outputs:** Communication logs, collaboration facilitated. •

USE-CASE NAME: Choose an activity	USE CASE ID: SADP-002	Important Level: High	
Short DESCRIPTION:	The Student Activities Design and Planning (SADP) use case focuses on empowering students to conceptualize, design, and plan engaging activities within educational settings. It provides tools for activity creation, resource allocation, scheduling, and collaboration to enhance student involvement and creativity.		
Trigger:	A student or activity coordinator initiates the design and planning of a new student activity.		
Type:	Temporal		
Major Inputs:		Major outputs:	
Description	SOURCE	Description	Destination
Student Information	Student profiles and data stored	**Activity Proposal**	Output generated by the system based
Activity Concept (Idea, Objectives, Scope)	Inputs directly provided by students	**Resource Allocation Plan**	Plan developed within the system
Activity Concept (Idea, Objectives, Scope)			

Required Resources (Materials, Budget, Space)	Information entered by students or administrators	**Activity Schedule**	Finalized schedule and timeline for each activity within the Student Project Task Tracker
Participant Details (Students, Faculty)	Data on participants involved in each activity, including students and faculty members	**Communication Logs**	Logs maintained within the system documenting all communication activities
Communication (Messages, Comments, Files)	Interactions and communications logged within the Student Project Task Tracker system	**Collaboration Facilitated**	Outcome achieved through the use of the Student Project Task Tracker system
• **Major Steps Performed:**	**Information FOR steps**		
• **1-User Authentication and Access:** •	**Inputs:** User credentials (Username, Password) **Outputs:** Successful authentication, granting access to SADP functionalities.		
• **2-Activity Conceptualization and Proposal:**	• **Inputs:** Activity idea, objectives, scope • **Outputs:** Detailed activity proposal generated within		

	SADP for review and further planning.
• **3-Resource Allocation and Budgeting:**	• **Inputs:** Resource requirements, budget considerations • **Outputs:** Resource allocation plan created within SADP to ensure effective resource utilization.
• **4-Activity Scheduling and Coordination:**	• **Inputs:** Activity schedule, participant availability • **Outputs:** Finalized activity schedule integrated into the SADP platform for execution and monitoring.
• **5-Communication: Students communicate with team members and supervisors through the system,**	• **Inputs:** Messages, comments, file attachments. • **Outputs:** Communication logs maintained within SADP to facilitate ongoing collaboration and information sharing.

facilitating collaboration.

Use case name:	Create an account	ID: SP-002	Importance level: high

Primary actor: student

Short description: This use-case describes how students can log in our website.

Trigger: In order for a student to access and participate in student activities, he must first create an account on the website.

Type: (External) Temporal

Major Inputs

Description	Source
username & password	student
address	student
University email	student
Lists of students for each college	students Affairs

Major Outputs

Description	Destination
Lists of the names of students	website
authorized to log in to the site and	
participate in student activities.	

Major Steps Performed

1. Use one of the browsers available on the user/student's device to access the website.

2. Click on the "log in" button.

3. The student registers all the personal information required from him to complete the log in process. Such as username, password, address, university email, etc.

4. Click on the "Confirm" button.

5. Verify that he is a university student.

6. Save the user's personal information in databases, to facilitate the sign-in process every time the student tries to log in to the site.

Information for Steps

username & password
address

University email

lists of students for each college

Lists of authorized persons