



IT314: Software Engineering
Lab 3 (G16)
Use Case Modeling and Product Backlog
(in the form of User Stories)
Task - 2

Group Members:

Mahaliya Meet Prakashbhai (202201204)
Vaghani Devang Sanjaybhai (202201208)
Prajapati Mihir Dineshkumar (202201210)
Dharmik Harshali Binalkumar (202201214)
Saroliya Gunjan Pankajbhai (202201225)
Nishank Kansara (202201227)
Chaudhari Yashbhai (202201229)
Ramani Divyesh Prakashbhai (202201241)
Davda Dev Bhupendrakumar (202201242)
Vagh Mehul Mansurbhai (202201251)

● Develop the Product Backlog

Sr. No.	Title	User story	priority	Acceptance criteria
1	Admin Login	As an Admin, I want to log in so that I can manage the system.	Must have	<ul style="list-style-type: none"> - Admin can log in with valid credentials. - Error is shown for incorrect credentials.
2	Create Examiner Accounts	As an Admin, I want to create examiner accounts so that examiners can create exams.	Must have	<ul style="list-style-type: none"> - Admin can input details (name, email) to create an examiner account. - Examiner receives a notification or email about the account creation.
3	Manage Student Accounts	As an Admin, I want to manage student accounts so that students can access the exams.	Must have	<ul style="list-style-type: none"> - Admin can add, edit, or delete student accounts. - Changes are reflected in the student dashboard immediately.
4	Manage Question Bank	As an Admin, I want to manage the question bank so that the system has a variety of questions for exams.	Must have	<ul style="list-style-type: none"> - Admin can update, or delete questions. - Questions can be tagged by subject and type.
5	Manage Exams	As an Admin, I want to manage exams so that I can edit or delete exams as needed.	Must have	<ul style="list-style-type: none"> - Admin can view all scheduled exams. - Admin can edit or remove upcoming exams.
6	View System	As an Admin, I want	Must	- Reports include

Sr. No.	Title	User story	priority	Acceptance criteria
	Performance Reports	to view system performance reports so that I can monitor usage and results.	have	number of students, exams, and average scores.
7	Send Notifications to Users	As an Admin, I want to send notifications to examiners and students so that I can inform them of updates.	Must have	<ul style="list-style-type: none"> - Admin can write and send announcements to selected users. - Users receive notifications in their dashboard or via email.
8	Examiner Login	As an Examiner, I want to log in so that I can create exams.	Must have	<ul style="list-style-type: none"> - Examiner can log in with valid credentials. - Error is shown for incorrect credentials.
9	Create Exams	As an Examiner, I want to create exams so that students can take tests.	Must have	<ul style="list-style-type: none"> - Examiner can select questions from the question bank or create new ones. - Examiner can set time limits and scoring criteria for the exam.
10	Add New Questions to Question Bank	As an Examiner, I want to add new questions to the question bank so that I can tailor exams to my subject area.	Must have	<ul style="list-style-type: none"> - Examiner can input the question text, options, and correct answers. - Examiner can categorize questions by topic and type.
11	Schedule Exams	As an Examiner, I want to schedule exams so that	Must have	<ul style="list-style-type: none"> - Examiner can select the exam date, time, and duration.

Sr. No.	Title	User story	priority	Acceptance criteria
		students can take them at a specific time.		- Students receive notifications about the scheduled exam
12	Manage Exams	As an Examiner, I want to manage my exams so that I can edit or delete them if needed.	Must have	- Examiner can view upcoming exams and make changes. - Changes are saved and updated in the system.
13	Grade Descriptive Questions	As an Examiner, I want to manually grade descriptive questions so that I can provide detailed feedback.	Must have	- Examiner can review and assign scores to descriptive answers. - Feedback is displayed to students after grading is complete.
14	View Student Performance	As an Examiner, I want to view student performance so that I can assess the effectiveness of my exams.	Must have	- Examiner can view individual student scores and performance reports.
15	Monitor Live Exams	As an Examiner, I want to monitor live exams so that I can ensure students are completing exams on time.	Must have	- Examiner can view a real-time dashboard showing which students are currently taking the exam.
16	Student Login	As a Student, I want to log in so that I can access exams and view results.	Must have	- Student can log in with valid credentials. - Error is shown for incorrect credentials.
17	View Upcoming Exams	As a Student, I want to view upcoming exams so that I can	Must have	- Student sees a list of upcoming exams with details such as date

Sr. No.	Title	User story	priority	Acceptance criteria
		prepare well.		and subject. - Student can filter exams by subject or date.
18	Take an Exam	As a Student, I want to take an exam so that I can be graded on my knowledge.	Must have	- Student can start the exam at the scheduled time. - Timer starts when the exam begins, and answers are saved automatically.
19	View Exam Results	As a Student, I want to view my exam results so that I can understand how I performed.	Must have	- Student can see their score, correct answers, and feedback after the exam is graded. - Results are displayed in a detailed report.
20	Practice Questions from Question Bank	As a Student, I want to practice questions from the question bank so that I can prepare for exams.	Must have	- Student can access practice questions by subject or topic.
21	View Past Exam Results	As a Student, I want to view past exam results so that I can track my progress over time.	Must have	- Student can see a history of exams taken with scores. - Past exams are available for review, but cannot be retaken.
22	Receive Notifications for Exams and Results	As a Student, I want to receive notifications for upcoming exams and results so that I stay informed.	Must have	- Student is notified in the dashboard or via email about scheduled exams. - Notification is sent when exam results are

Sr. No.	Title	User story	priority	Acceptance criteria
				available.
23	Reset Password	As a Student, I want to reset my password so that I can regain access to my account if I forget my credentials.	Must have	<ul style="list-style-type: none"> - Student can request a password reset link via email. - Student can reset their password using the link.
24	Update Profile Details	As a Student, I want to update my profile details so that my information is accurate and up-to-date.	Must have	<ul style="list-style-type: none"> - Student can edit fields such as name, email, etc.