QUESTION : Difference between scrum and kanban?

SOLUTION :

**SCRUM :**

Scrum is a combination of both iterative and incremental approach that offers a noticeably prescriptive way in which the assigned task gets completed by a Scrum team which have defined processes and roles assigned for each member of the team. All the updates and status are led by means of the Scrum Master who is a person on a Scrum team, accountable for making sure the group stays by way of the requirements set through Scrum.

**KANBAN:**

This Method receives its identity from the use of kanban in which the use of visual signaling mechanisms is there to manage the workflow during the development of intangible work products. It helps to manage and enhance flow structures for expertise work. The approach additionally approves corporations to begin with their current workflow and force evolutionary change which can be done by means of visualizing their flow of work.

| **Aspect** | **Scrum** | **Kanban** |
| --- | --- | --- |
| **Structure** | Defined roles, ceremonies, and artifacts | Flexible, no prescribed roles or ceremonies |
| **Iterations** | Fixed-length Sprints | Continuous flow |
| **Visual Management** | Product and Sprint Backlogs, Increment | Kanban board |
| **Focus** | Time-boxed delivery, continuous improvement | Flow optimization, visualizing work |
| **Flexibility** | Less flexible, more structured | Highly flexible, adaptable to changes |
| **Learning Curve** | Steeper learning curve | Easier to adopt, especially for new teams |
| **Best For** | Projects with clear deliverables and timelines | Continuous delivery and teams needing flexibility |

QUESTION : Write three stories with acceptance criteria?

SOLUTION :

User Story 1 (User Registration) :

As a new user, I want to create an account so that I can log in and book tickets.

Acceptance Criteria :

* I am on home page as I click on signup button then it will navigate on registration page
* I am on registration page when I enter valid email , password and confirm password and I click on register button the confirmation mail occurs
* When I enter invalid email and password it will show invalid message and remain on same page
* When I enter the email and password and email is already registered it will show message for it.

User Story 2 (View Booking History) :

As I logged in as user I want to see upcoming booking and past booking history

Acceptance Criteria :

* As I am logged in when I navigate to account page then I should see booking history section
* I am on booking page when I click on past booking history it will show all past bookings and when I click on any booking it will show status , booking date ,location and booking type.
* I am on booking page when I click on upcoming booking it will show all upcoming bookings and when I click on any booking it will show status , booking date ,location and booking type.
* I am viewing booking history when I click on any booking all details related to booking should be displayed.

User Story 3 (Bus Seat Booking) :

As a user, I want to book a specific seat on a bus so that I can choose my preferred seating and ensure I have a reserved spot for my journey.

Acceptance Criteria :

* After log in I am on bus schedule page when I select route and time the bus for that route and time should be displayed.
* When I click on any bus available on that route the details for that bus and seat diagram should displayed. And show status for seat which one reserved and which one booked.
* I am seat selection page as I select the seat the seat should be shown selected and booking number should be notify.
* I have selected the seat when I click on confirm booking button and I provide valid payment details seat should be confirmed with message on mobile number. And I can track my seat on clicking the link.
* When I go on booking history there will be button for cancel booking when we click on that button then I should see confirmation prompt that confirm your cancellation and my seat should shown available for other users.