**Assignment 1: Difference between Scrum vs. Kanban**

**Key differences between scrum vs Kanban:**

* **Time-boxed Iterations vs. Continuous Flow:** Scrum operates in fixed sprints, while Kanban is based on continuous delivery.
* **Roles and Responsibilities:** Scrum defines specific roles like product owner, Scrum master. Kanban does not prescribe specific roles.
* **Prescriptive Nature:** Scrum is more prescriptive with its ceremonies and roles; Kanban is more adaptive and can be integrated with existing workflow.
* **Planning and Prioritization:** Scrum requires detailed plan for each sprint, whereas Kanban focuses on just-in-time planning.
* **Flexibility:** Kanban allows more flexibility to make changes at any time, while Scrum restricts changes within the sprint cycle.

**Assignment 2: Write 3 user stories with acceptance criteria.**

**User stories for a chat app:**

1. **Text message:**

As a user I can send text messages using the text field.

As a user I can receive text messages.

As a user I can edit and delete text messages.

**Acceptance criteria:**

After sending the message the text field should be empty.

After a message is sent the single tick is visible.

After the message is edited the edited message is visible to all members.

1. **Group chat:**

As a user I can create a group.

As a user I can add a member to the group.

As a user I can leave a group.

As a user I can delete a group.

As a user I can send and receive messages in a group.

**Acceptance criteria**

After creation of the group, it is visible in the app.

After deletion of the group, it is not visible in the app.

1. **Video call:**

As a user I can make a video call.

As a user I can disconnect the code.

**Acceptance criteria**

After a video call is generated the app accesses the camera.

**Assignment 3: Write product backlog and backlog for your**

**project.**

**Product backlog:**

| **Product Backlog Id** | **Priority** | **User Story Id** | **User Story** | **Scrum Team Assigned** | **Status** | **Remark** |
| --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |
| 1 | high | user001 | user registration | Amith | completed |  |
| 2 | high | user002 | user login | Amey | completed |  |
| 3 | low | user003 | movie browsing | Likitha | completed |  |
| 4 | high | user004 | ticket booking | Ashish | completed |  |
| 5 | low | user005 | movie review | Geetha | Progress |  |
| 6 | medium | user006 | language update | Amith | progress |  |
| 7 | high | user007 | seat selection | Amey | progress |  |
| 8 | high | user008 | location | Amey | completed |  |
| 9 | high | user009 | payment | Sairam | completed |  |
| 10 | medium | user010 | movie rating | Anuj | progress |  |
| 11 | high | user011 | notification | Ankit | completed |  |
| 12 | low | user012 | food | Vinay | progress |  |
| 13 | medium | user013 | other activities | Ankit | progress |  |
| 14 | high | user014 | feedback | Vinay | completed |  |
| 15 | high | user015 | movie listing | Ashish | Completed |  |
| 16 | medium | user016 | receive movie reminders | Anuj | progress |  |

**Sprint backlog 1:**

| **USER STORY ID** | **USER STORY NAME** | **USER STORY STEP DEFINITION** | **Acceptance Criteria** | **ASSIGNED TO** | **ESTIMATION** | **STATUS** | **REMARKS** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| user001 | User registration | As a user I can provide my email id, phone no., password, username, gender, DOB for registration | Enter valid email id, phone no, password, username , DOB | Amit | 5 hrs | completed |  |
|  |  | Verify the email and phone no. using OTP |  |  |  |  |  |
|  |  | After successful registration as a user I am navigated to the home screen |  |  |  |  |  |
| user002 | Login | As a registered user I can able to login into system | Enter valid username, password | Amey | 6 hrs | completed |  |
|  |  | As a registered user I can login and see the list of movies |  |  |  |  |  |
| user003 | Movie browsing | As a user I can browse movies by title,genere,release date.So that I can easily find the movie |  | Likhitha | 8 hrs | completed |  |
|  |  | As a user I can browse recent movies. |  |  |  |  |  |
| user015 | movie listing | As a admin I can add the movies |  | Ashish | 3hrs | completed |  |

**Sprint backlog 2:**

| **USER STORY ID** | **USER STORY NAME** | **USER STORY STEP DEFINITION** | **Acceptance Criteria** | **ASSIGNED TO** | **ESTIMATION** | **STATUS** |
| --- | --- | --- | --- | --- | --- | --- |
| user008 | location | As a user I can provide my location | Enter valid location of a city | Amey | 2hr | completed |
| user004 | ticket booking | As a user I can search the movie name from the search bar | The user should be shown appropriate results | Ashish | 8hr | completed |
|  |  | After successfully selecting the movie the user is directed to seat selection | The user should navigated to the seat selection page |  |  |  |
| user007 | seat selection | As a user i can select the seat no through selecting section |  | Amey | 10hr | progress |
|  |  | As a user after selecting the seats and showtime I am navigated to payment page | The user should navigated to the payment page |  |  |  |
| user009 | payment | As a user i can do the payment | Enter valid payment method and do the payment | Sairam | 8hr |  |
|  |  | As a user after successful payment my show will be successfully booked |  |  |  |  |
| user011 | notification | As the user can be notify for the show timing and new released movies | user should route on track page after clicking on notification | Ankit | 4hr | completed |

**Sprint backlog 3:**

| **USER STORY ID** | **USER STORY NAME** | **USER STORY STEP DEFINITION** | **Acceptance Criteria** | **ASSIGNED TO** | **ESTIMATION** | **STATUS** |
| --- | --- | --- | --- | --- | --- | --- |
| user005 | movie review | As a Registered user I can able to review particular movie |  | Geetha | 4 Hours | Progress |
| user010 | movie rating | As the user I want to rate and review movies I have watched |  | Anuj | 5hr | progress |
| user012 | food | As the user I can enjoy the food in between | Show available food items | Vinay |  | progress |
|  |  | As a admin I can add the food items |  |  |  |  |
| user013 | other activities | As in interval time you can enjoy games section too | Shows games available | Ankit | 4hr | Progress |
| user016 | Receive Movie Reminders | As a user I want to receive reminders about my upcoming movie showtime |  | Anuj | 4hr | progress |
| user006 | language update | As a user language should automatically set to the language of my device | Set default language | Amit | 1hr | progress |
|  |  | As a user I can set a preferred language |  |  |  |  |

**Assignment 4: Set a Kanban board for your project.**

|  | **TODO** | **In Progress** | | | | | **Completed** |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **Plan** | **Design** | **Develop** | **Test** | **Deploy** |
|  | **user registration** | done | done | done | done | done | completed |
|  | **user login** | done | done | done | done | done | completed |
|  | **movie browsing** | done | done | done | done | done | completed |
|  | **ticket booking** | done | done | done | done | done | completed |
|  | **movie review** | done | done | done |  |  |  |
|  | **language update** | done | done |  |  |  |  |
|  | **seat selection** | done | done | done |  |  |  |
|  | **location** | done | done | done | done | done | completed |
|  | **payment** | done | done | done | done | done | completed |
|  | **movie rating** | done | done | done |  |  |  |
|  | **notification** | done | done | done | done | done | completed |
|  | **food** | done | done |  |  |  |  |
|  | **other activities** | done | done | done |  |  |  |
|  | **feedback** | done | done | done | done | done | completed |
|  | **movie listing** | done | done | done | done | done | completed |
|  | **receive movie reminders** | done | done |  |  |  |  |