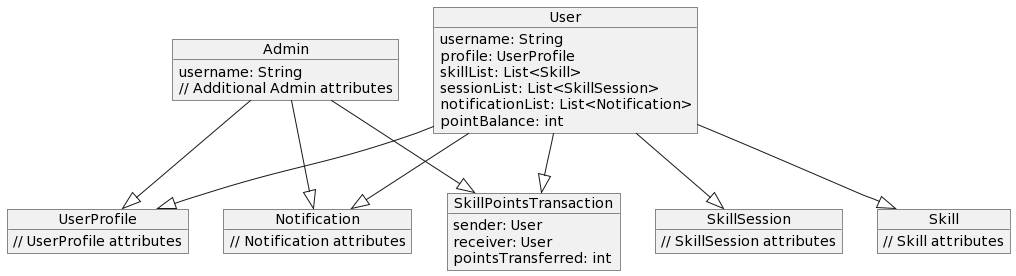
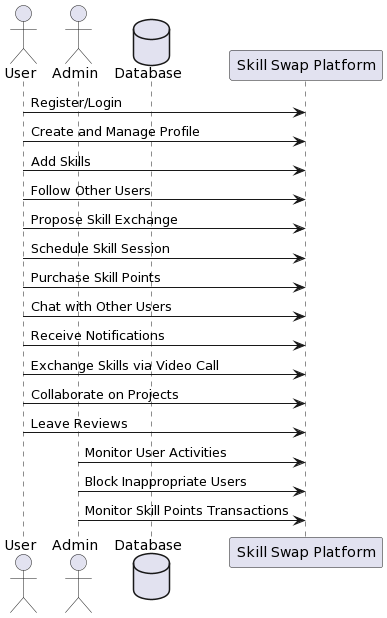
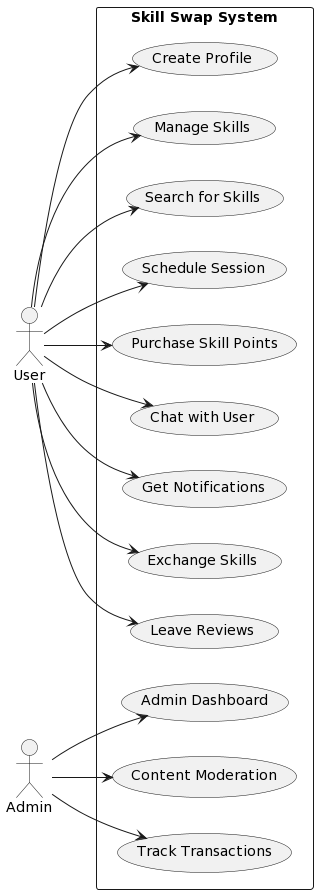
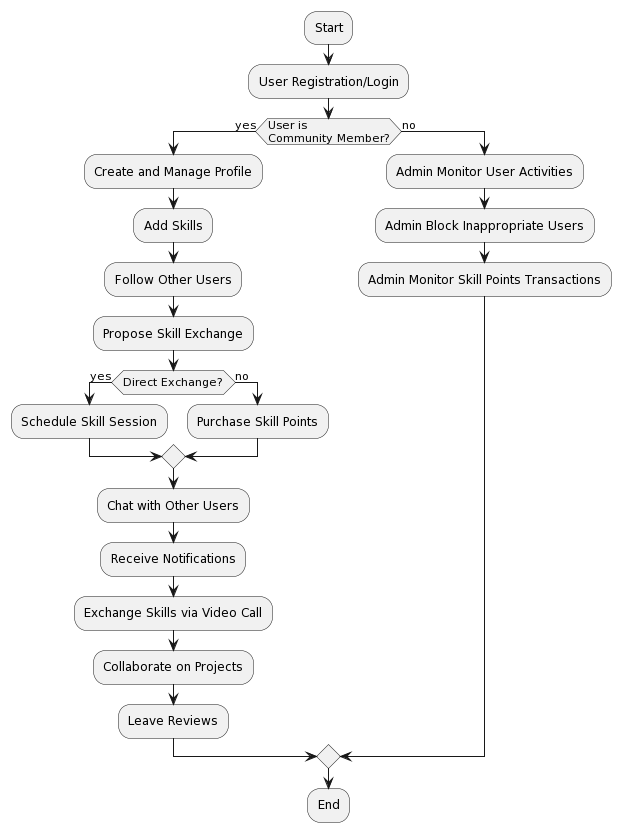
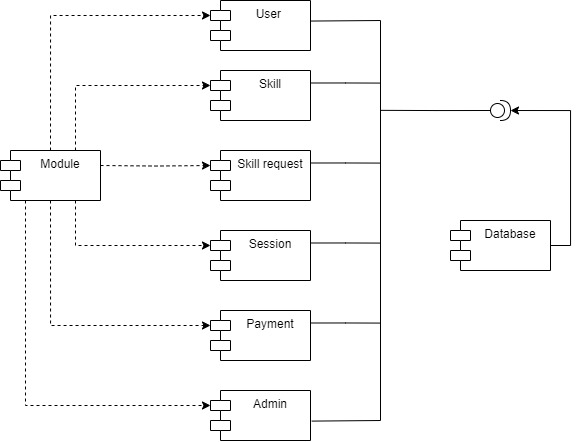
**Class Diagram:**

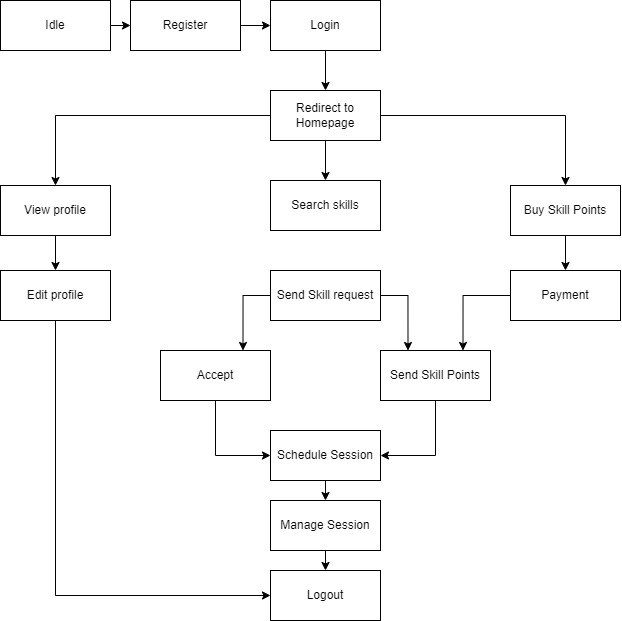
**Object Diagram:**

**Sequence Diagram:**

**Use case diagram:**

**Activity diagram:**

**Component:**

**State Chart Diagram:**

**Deployment Diagram:**