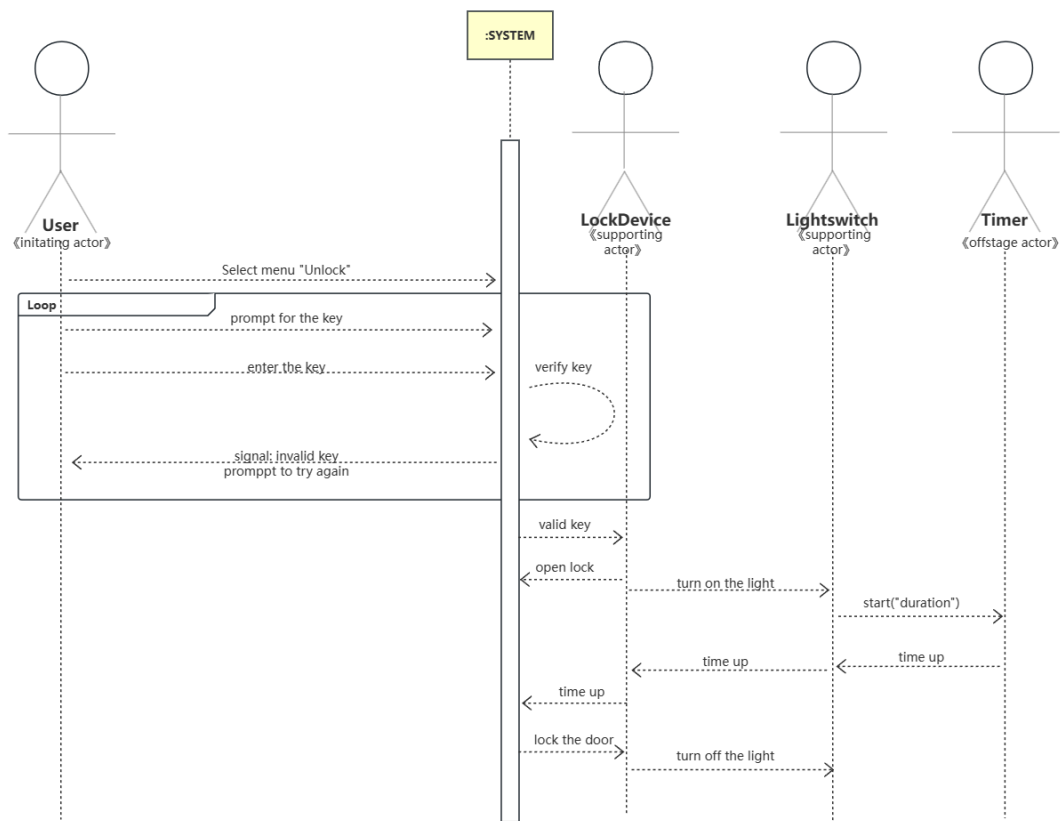


# Course Assignment (Mini Project I-2)

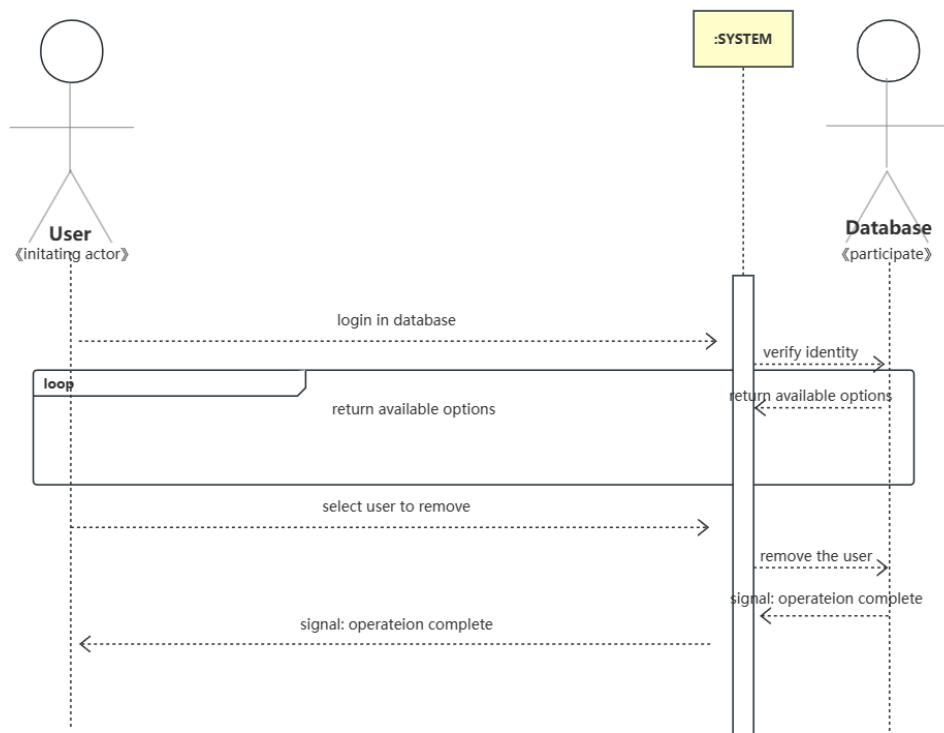
王菁华 10215101441

1. Draw system sequence diagram for UC-(Unlock) and UC-4(RetireUser)

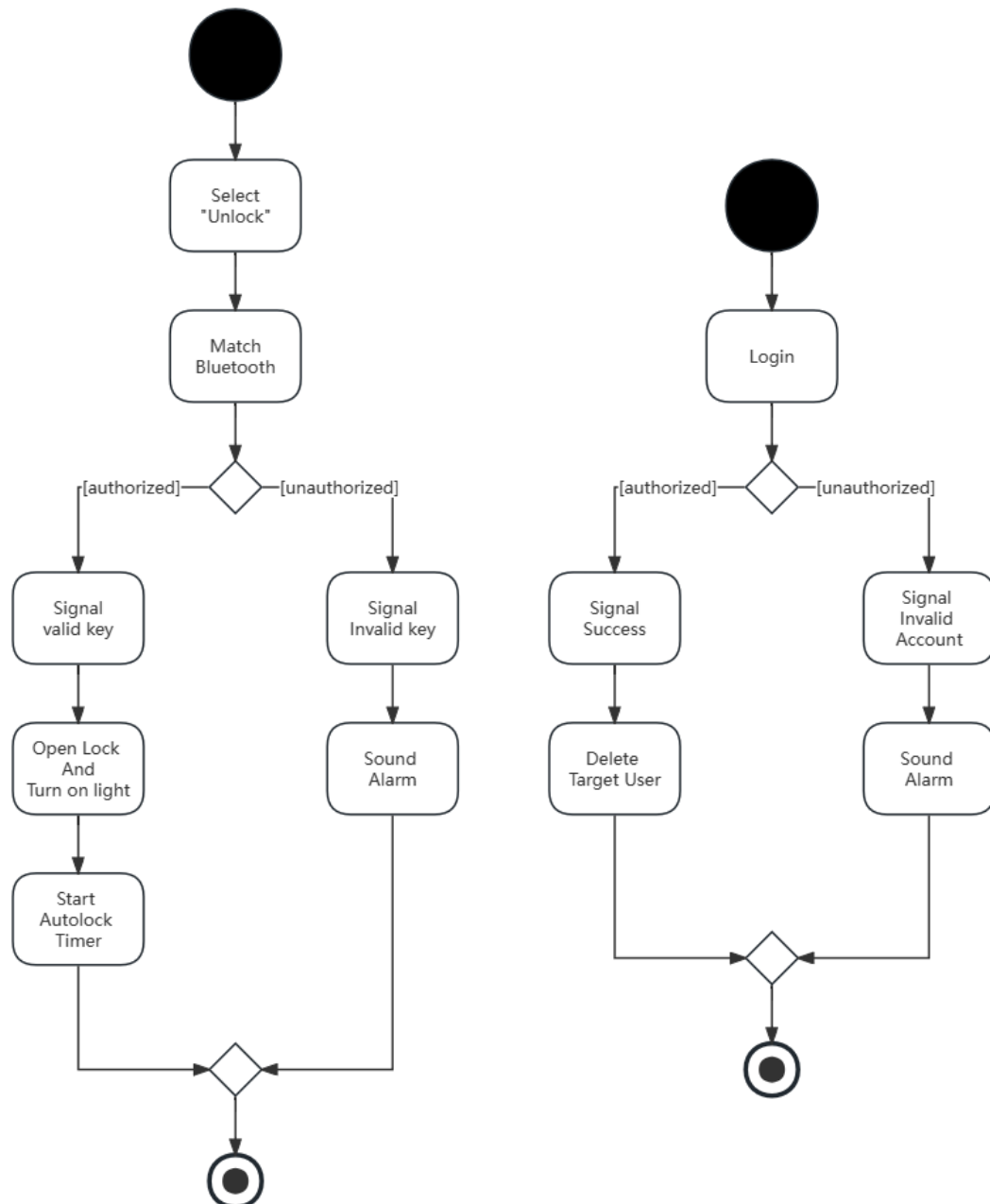
## UC-1:



#### UC-4:



2. Draw activity diagram for UC-1(Unlock) and UC-4(RetireUser)



### 3. Write the acceptance tests of UC-1 and UC-4

#### Extracting the Responsibilities

Responsibility Description	Type	Concept Name
Rs1. Coordinate actions of concepts associated with this use case and delegate the work to other concepts.	D	Controller
Rs2. Form specifying the delete parameters for database log retrieval (from UC-4).	K	Delete Request
Rs3. Render the operation panel and retrieved records into an UI for sending to actor's screen for display.	D	PageMaker
Rs.4 An UI to show the actor the current context, which contains current tenants and all operations.	K	UserPage
Rs.5 Support SQL service to the system, e.g., JDBC driver.	D	Database Connection
Rs.6 An object generated by system to be deleted.	K	TargetUser

#### Extracting the Associations

Concept Pair	Association Description	Association Name
Controller↔Page Maker	Controller passes requests to PageMaker and receives back pages prepared for displaying	conveys requests
PageMaker ↔ Database Connection	Database Connection passes the retrieved data to Page Maker to render them for display	provides data
PageMaker↔UserPage	PageMaker prepares the UI to Userpage	prepares
Controller ↔ Database Connection	Controller passes delete requests to DB-Conn.	conveys requests
Controller↔TargetUser	Controller generates the targeted user entity object, as the Java DAO item.	generates
TargetUser ↔ Database Connection	TargetUser acquires SQL methods in the mapper layer, which needs DB-Connection to operate.	TargetUser

## Domain model for UC4-(RetireUser)

