*Florida International University*

*School of Computing and Information Sciences*

Software Engineering Focus

Feature Document

User Story #**146**

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**User Story** Set up Login UI

* As a User I would like to log into the app and see my courses.

Acceptance Criteria

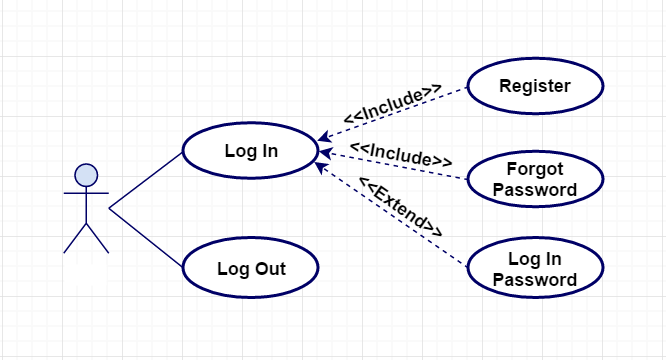
* Verify login details
* Set up basic login functionality

**Use Case** #**146 – Log In**

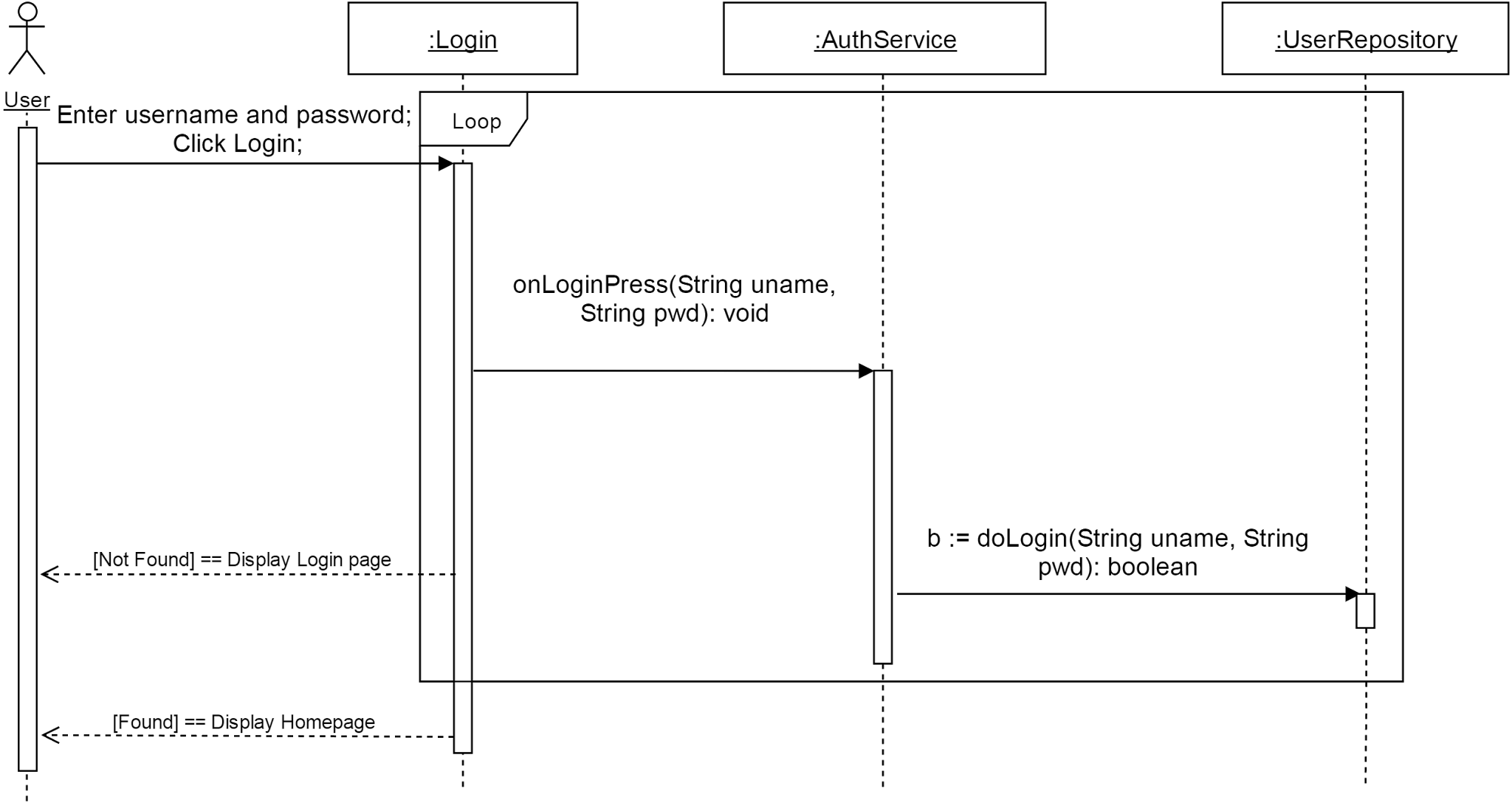
This use case describes how a user accesses their account and their immediate options on the dashboard.

* **Actors**
  + Guest
* **Included Use Cases**
  + Register
* **Flow of events**
  + The use case starts when the splash page clears
  + User inputs a username and password
    - Login verified and Dash shown
  + Else
    - Login invalid, Please try again

**Use Case Diagram**

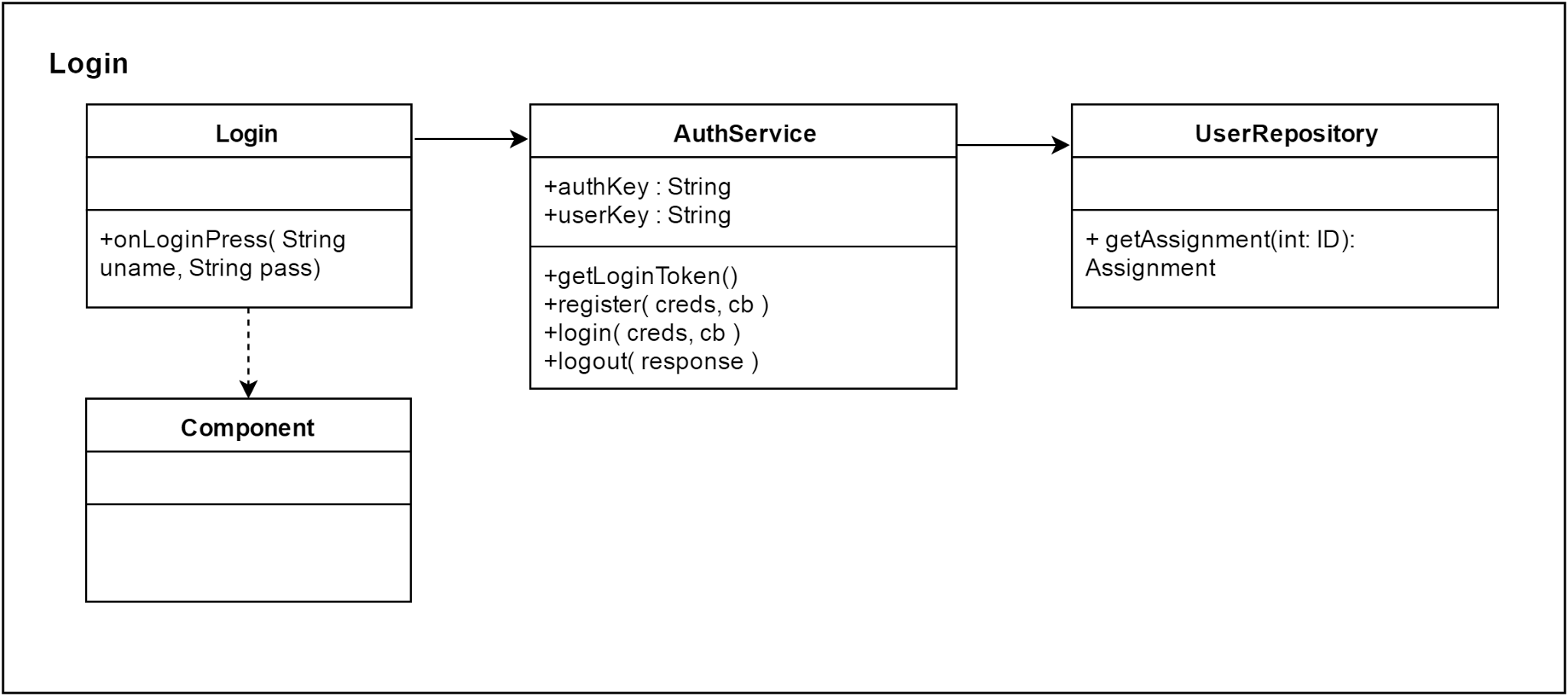


**Sequence Diagram**



## 

**Class Diagram**



**Unit Test**

User Story #146 - Log In

System Tests:

**Purpose:** To test the functionality of use case: #146 Log In

**Test ID: Login\_001 (Sunny Day):**

Purpose:

* To test the functionality when a user logs in with a valid username and password.

Precondition:

* The user should have access to the application
* The database needs to properly bind to the application and be accessible
* The user must have a registered account
* The user must be on the login page

Input:

* Username: admin
* Password: admin123

Expected Result:

* The user is redirected to their homepage

Actual Result:

* The user is redirected to their homepage

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**Test ID: Backend\_002 (Rainy Day):**

Purpose:

* To test the functionality when a user attempts to login with an invalid username.

Precondition:

* The user should have access to the application
* The database needs to properly bind to the application and be accessible
* The user must be on the login page

Input:

* Username: test
* Password: 123

Expected Result:

* The message “invalid username” should appear

Actual Result:

* The message “invalid username” should appear

**Integration Test**

**Visual User Guide**