*Florida International University*

*School of Computing and Information Sciences*

Software Engineering Focus

Feature Document

User Story #**132**

**Team Member:**

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**User Story**

* As a user, I want to be able to keep my login persistent between app restarts so that I don’t have to type my username and password every time I open Neat.

Acceptance Criteria

* When a new user opens the app, the are taken to the login screen where they can login, register, or reset their password.
* When an existing user who has previously successful logged in, they are taken to the Dashboard instead of the login screen.

**Use Case** #**132 – Implement Persistent Login**

Details:

Actor: Student

Pre-conditions:

1. User has logged in once successfully and has not logged out.

Description:

1. Use case begins when student has entered their username and password and clicks Login.
2. App communicates with login endpoint and returns a token.
3. App saves login token to local storage.

Post-conditions:

1. Login token is saved in local storage.

Alternative Course of Action:

1. N/A

Exceptions:

N/A

Related Uses Case:

N/A

Decision Support:

Frequency: Low. Estimated average of one addition per application execution.

Criticality: High. Allows the Student to save login token for future server requests.

Risk: Low. Implementing this use case employs standard web-based technology

Constraints:

1. Usability:
   1. No training time  required.
2. Reliability:
   1. Mean time to Failure – 1% failures is acceptable.
   2. Availability – Always available.
3. Performance:
   1. The save token action should be saved within 5 seconds
4. Supportability:
   1. Feature must appear on mobile devices.

Modification History:

Owner: Fernando Campo.

Initiation date: 10/09/2016

Date last modified: 10/25/2016

**Sequence Diagram**

**Unit Test**

**Test Case 1 (Sunny Day)**

**ID: NEAT-SD-132-01**

**Purpose**

* Test if user token is saved to local storage

**Precondition**

* User has successfully authenticated
* Is at the login screen.

**Expected Result**

* User token is saved to local storage

**Actual Result**

* User token is saved to local storage

**Test Case 1 (Rainy Day)**

**ID: NEAT-RD-132-01**

**Purpose**

* Test if user token is not saved if username and password is wrong

**Precondition**

* User login is wrong
* User is at the login screen

**Expected Result**

* User token is not saved

**Actual Result**

* User token is not saved

**Visual User Guide**

