

## accessedservice.php

Functionality Requirement No.	Function Requirement Description
FR1	A user shall be able to update the user table or user_course table
FR2	A user shall be able to add a class to LenaSYS.
FR3	A user shall be able to change their password.
FR4	A user shall be able to add a user, based on ssn or username.

FN No:	Test Proposal:
FR1	Try mixing capital letters, add numbers or special characters and look at the actual output.
FR2	Perhaps try adding special characters as input and look at what will be inserted in the database.
FR3	Are all characters allowed and what is the "standardPasswordHash?"
FR4	Try adding a user with an ssn and try adding a user with username and see how it interacts/inputs into the database. Try adding a new user and try adding the same user again.

FN No:	Input/output
FR1	The system will determine that the user wants to update with strcmp. If it's == 0 it means the user wants to use this "function". All variables in the code have no restrictions (ex case sensitive).
FR2	All variables that are needed gets put into an array that is decoded into normal text that is then inserted into the database. This seems to be to avoid special conversions from special characters such as &, "" or spaces. This is done with json_decode(htmlspecialchars_decode()).
FR3	Determines the user by their user id(uid) Updates password determined by standardPasswordHash(\$pw) loguserevent() to log when resetting the password
FR4	The input is decoded. This seems to be to avoid special conversions from special characters such as &, "" or spaces. This is done with json_decode(htmlspecialchars_decode()).

<b>FN No:</b>	<b>FR1</b>
Shall	A user <b>shall</b> be able to update the user table or user_course table
While	<b>While</b> the user have an active duggaSession
When	<b>When</b> the update is requested.
Where	<b>Where</b> the user is able to update a dugga
If Then	<b>If</b> the update cannot be made <b>then</b> an error is provided

<b>FN No:</b>	<b>FR2</b>
Shall	A user <b>shall</b> be able to add a class to LenaSYS.
While	<b>While</b> the user have an active duggaSession
When	<b>When</b> the user presses “add”
Where	<b>Where</b> a add option is visible
If Then	<b>If</b> the insert cannot be made <b>Then</b> an error is provided

<b>FN No:</b>	<b>FR3</b>
Shall	A user <b>shall</b> be able to change their password.
While	<b>While</b> the user have an active duggaSession
When	<b>When</b> the student presses “Save”
Where	<b>Where</b> a save option is visible
If Then	<b>If</b> the change cannot be made <b>Then</b> an error is provided

<b>FN No:</b>	<b>FR4</b>
Shall	A user <b>shall</b> be able to add a user, based on ssn or username.
While	<b>While</b> the user have an active duggaSession
When	<b>When</b> the user presses “add”
Where	<b>Where</b> a add option is visible
If Then	<b>If</b> the insert cannot be made <b>Then</b> an error is provided