

Funktionella krav duggaedservice

Functionality Requirement No	Function Requirement Description
FR1	Manage quizzes
FR2	Manage quiz variants
FR3	User authentication and authorization

FN: No:	Test Proposal:
FR1	Create a new quiz with valid input such as a course with ID, quiz, start date, deadline etc. and verify that the quiz is updated in the database with the correct info.
FR2	Update an existing quiz variant and check if the quiz is updated in the database with correct info.
FR3	Try to attempt to access a quiz without logging in and verify that it's not accessible for the user.

FN No:	FR1
Shall	Users with write-access or is a super user shall be able to manage quizzes.
While	While the users have a valid session and correct access level.
When	When a request is sent with a specific option.
Where	Where the users, with permission, can manage quizzes.
If Then	If the user can't manage the quizzes, then nothing will happen.

FN No:	FR2
Shall	Users with correct access level shall be able to update, delete and add quiz variants.
While	While the user is a superuser or have right access level on their account.
When	When the user makes a request to the server.
Where	Where the "opt" parameter is set.
If Then	If a user, with no write-access, tries to manage a quiz-variant the system will prevent them from doing so.

FN No:	FR3
Shall	Authentication and authorization shall be able to control access to quiz manipulation.
While	While a user has authentication and authorization, they can manage quizzes.
When	When a user tries to access protected resources.
Where	Where the "auth.py" file is located.
If Then	If authentication and authorization is not fulfilled, then certain parts of the website is not accessible.