Acceptance Test Plan

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Acceptance Criteria

Requirement	Feature	Acceptance Criteria
R01	login	user can login
R02	logout	user can logout
R03	register (guest user can create account)	new account is created
R04	create set	new set is created
R05	delete set	set is deleted
R06	update set	set is updated
R07	create flashcard	new flashcard is created into the set
R08	delete flashcard	flashcard is deleted
R09	update flashcard	flashcard is updated
R10	quiz	quiz can be completed
R11	student stats	student stats is showing and updating
R12	teacher analytics	analytics is showing and updating
R13	teacher can create teacher account	new teacher user is created

Test Cases

Test Case	Requirement	Test Type	Steps	Expected Outcome

TC01	R01	functional	click login button on sidebar -> enter username/pass word -> click login	user can login to their account
TC02	R01	usability	attempt to login without instructions	user can understand fields and buttons, error messages are clear, user completes login without confusion
TC03	R01	performance	Enter credentials -> click login	User is logged in within 2 seconds
TC04	R01	reliability	attempt to login 10 times in a row with valid credentials	Login succeeds without fail each time
TC05	R02	functional	click logout button -> logout	user can logout from their account
TC06	R02	usability	attempt to logout without instructions	User can logout without confusion and everything should be clear
TC07	R02	reliability	attempt to logout 10 times in a row	logout succeeds without fail each time
TC08	R03	functional	click login button on sidebar -> click register text -> enter username/pass word and verify password -> click register	user can register a new student account
TC09	R03	usability	attempt to register without	user can understand

			instructions	fields and buttons, navigate to register, error messages are clear, user completes register without confusion
TC10	R03	performance	create new student account	user can create new student account within 2 seconds
TC11	R03	reliability	attempt to create a new account 5 times in a row with valid fields	register succeeds without fail each time
TC12	R04	functional	as a logged in user click student/teacher sets -> click create set button -> enter description for set -> create set	user can create a set
TC13	R04	usability	attempt to create a new set without instructions	user can navigate and understand how to make a new set without confusion and the process is clear
TC14	R04	performance	create a new set as a logged in user (log in time not included)	user can create new set in 2 seconds
TC15	R04	reliability	create 5 new sets without fail	creation of sets succeeds each time
TC16	R05	functional	as the owner of the set click delete set button -> click confirm ->	user can delete set they made

			delete set	
TC17	R05	usability	attempt to delete set without instructions	user can delete set without confusion and it is easy
TC18	R05	performance	delete set the user owns	user can delete set within 2 seconds
TC19	R05	reliability	delete 5 sets in a row	deletion of sets succeeds each time
TC20	R06	functional	as a logged in user click student/teacher sets -> click on set created by the user account -> click on update set -> click on the description field and change the set's name -> press ok	set's name is changed to the new name
TC21	R06	usability	attempt to update set without instructions	user can update the set without confusion and it is easy
TC22	R06	performance	update set the user owns	the set gets updated within 2 seconds
TC23	R06	reliability	update 5 sets in a row	updating of sets succeeds each time
TC24	R07	functional	as a logged in user click student/teacher sets -> click on the user's created set -> click create flashcard -> write question in the question field -> write choices into choice a, b and	user can create a new flashcard into user's set

			c -> select which one is correct -> click ok	
TC25	R07	usability	attempt to create new flashcard without instructions	user can create flashcard without confusion
TC26	R07	performance	create the flashcard	flashcard gets created within 2 seconds
TC27	R07	reliability	create 5 flashcards in a row	flashcard creation succeeds each time
TC28	R08	functional	as a logged in user click student/teacher sets -> click a set you own -> click delete flashcard button -> click confirm -> delete flashcard	user can delete flashcard within a set
TC29	R08	usability	attempt to delete flashcard without instructions	user can delete flashcard without confusion
TC30	R08	performance	delete flashcard the user owns	flashcard gets deleted within 2 seconds
TC31	R08	reliability	delete 5 flashcards in a row	flashcard deletion succeeds each time
TC32	R09	functional	as a logged in user click student/teacher sets -> click a set you own -> click update button -> modify question in flashcard -> modify choices	user can update a flashcard in a set

			into choice a, b and c -> select which one is correct -> click ok	
TC33	R09	usability	attempt to update flashcard without instructions	user can update flashcard without confusion
TC34	R09	performance	update a flashcard	flashcard gets updated within 2 seconds
TC35	R09	reliability	update 5 flashcards in a row	flashcard update succeeds each time
TC36	R10	functional	click on student/teacher sets -> click on the set you want to start the quiz -> click start quiz -> click on the answer you think is correct -> click submit answer -> repeat until the quiz is done	user can complete a quiz
TC37	R10	usability	attempt to complete a quiz without instructions	user can complete a quiz without confusion
TC38	R10	performance	attempt to complete a quiz	each question takes maximum of 2 seconds to submit
TC39	R10	reliability	attempt to complete a quiz 5 times	5 quizzes gets completed without any problems
TC40	R11	functional	as logged in student user click Stats on the side bar ->	user can see stats

			stats for each set the user has quizzed are shown	
TC41	R11	usability	attempt to see stats without instructions	user can see stats without confusion
TC42	R11	performance	click stats on sidebar	opening stats is within 2 seconds
TC43	R11	reliability	click stats 5 times in a row	stats load up without fail each time
TC44	R12	functional	As a logged in teacher user click on analytics on the side bar -> scroll and see overall correct answer percentage on each sets and avg student score -> click on any sets to see details on each run	teacher user sees all the analytics information, detailed as well
TC45	R12	usability	attempt to look through teacher analytics and see detailed analytics on each sets without instructions	user can look through analytics without confusion
TC46	R12	performance	attempt to see analytics and detailed analytics	analytics and detailed analytics takes maximum of 2 seconds to load
TC47	R12	reliability	attempt to see analytics table 5 times and detailed analytics on each set 5	all analytics load without any issue

				times	
TC48	R13	functional	as a logged in teacher user click on analytics on the side bar -> click Create Teacher button -> enter username/password of the new teacher -> click create	user can create new teacher account
TC49	R13	usability	teacher user can create new teacher without instruction	teacher user can create new teacher without confusion
TC50	R13	performance	create new teacher	creation of a new teacher account within 2 seconds
TC51	R13	reliability	attempt to create a new teacher account 5 times in a row	creation of a teacher account succeeds without fail

Coverage Matrix

mitkä testit coveraa mitä vaatimuksia

Test Cases	Requirements
TC01, TC02, TC03, TC04	R01
TC05, TC06, TC07	R02
TC08, TC09, TC10, TC11	R03
TC12, TC13, TC14, TC15	R04
TC16, TC17, TC18, TC19	R05
TC20, TC21, TC22, TC23	R06
TC24, TC25, TC26, TC27	R07

TC28, TC29, TC30, TC31	R08
TC32, TC33, TC34, TC35	R09
TC36, TC37, TC38, TC39	R10
TC40, TC41, TC42, TC43	R11
TC44, TC45, TC46, TC47	R12
TC48, TC49, TC50, TC51	R13