

# “Ari on tour” concert ticketing website

## – Test Plan –



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## Test strategy

During this semester I have been introduced to multiple types of testing such as Unit testing, Integration tests and User Acceptance test. These kinds of tests I will be using as well while developing my website to make sure that everything works as intended.

With Unit testing I will be testing parts of my code independently. I will be using it in order to confirm that certain methods in my backend behave as I expected.

Integration tests will allow me to check the smoothness of how the layers altogether combined communicate and deliver within my backend. Through this method I will see how multiple components of backend part of the website behave when tested together.

The User Acceptance Tests will be documented below. Basically, they will be helpful at the end of the process of developing the website when a real world “mock user” of my website will be able to actually go through any of the described scenarios and complete them successfully. I believe that having the User Acceptance Tests documented is helpful as it encapsulates all the angles to be tackled either having a user or an administrator role. By having it I am able to picture how the flow of using the website will go and this way during the development I am getting a clearer view on what are the functionalities that the website offers.

## Acceptance tests

ID	Test description	Step no.	Test steps	Expected results
1	Verify if the Admin Panel is accessible to accounts without having the permission role	1	Reach the website without administrator permissions	The website loads and on the Navbar there are displayed – About, Events and Contact links
		2	Check the Navbar	The Navbar should display all the links mentioned in step one, but the link to the Admin Panel should not appear.
2	Verify if the Admin Panel is accessible to accounts having permission role	1	Reach the website with administrator permissions	The website loads and on the Navbar there are the About, Events and Contact links visible, along with the Admin Panel one.
		2	Check the Navbar	The Navbar displays all the links from the step above and also the Admin Panel link is visible.
3	Check Events page	1	Reach the website and look up in the Navbar for Events	The website loads and on the Navbar there is the Events option.

		2	Press Events on the Navbar	When Events is pressed, a list with all the available events will be displayed.
4	Check an event from the list without being registered/logged in	1	Reach the Events page	The user click on Events option on the Navbar, and the page successfully loads.
		2	Choose one of the events and click it	The user will be redirected to a register/log in page.
5	Check Register option for unregistered accounts	1	Reach the website and check out the Navbar	The website loads and on the Navbar there is present the option of registering.
		2	Press the option	The user will be directed to a register account page.
		3	Register the account	After filling in the necessary info, the user will be redirected to the main page where he/she is now logged in.
6	Verify Log in option from Navbar	1	Reach the website and choose the Log in option	The website loads, the user will be directed to the log in page.
		2	Provide account credentials	The user fills in the username and the password
		3	Look at the Navbar	On the Navbar appears the avatar along with logging out options and the register option is not visible anymore.
7	Verify confirmation option for Add/Delete/Edit/Save operations for Events in the Admin panel	1	Reach the admin panel with an account which has permission	The website loads and the user can see the panel.
		2	Press on Events in the panel and select the option of editing	The Edit option appears on the panel and the user is asked to modify the info.
		3	Press Apply	After inputting the new info, the user will be asked for confirmation for the changes.