

VU Events

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Functionality

Unregister user is allowed to register and view events, Registered users are allowed to register to events, view events, register a new event, choose categories and other options like location, time, day, is it repeated event.

First iteration

Registration, Login in, Remove account, Create event, view event.

Second iteration

Edit event, delete event.

Third iteration

Register to the event, unregister to the event.

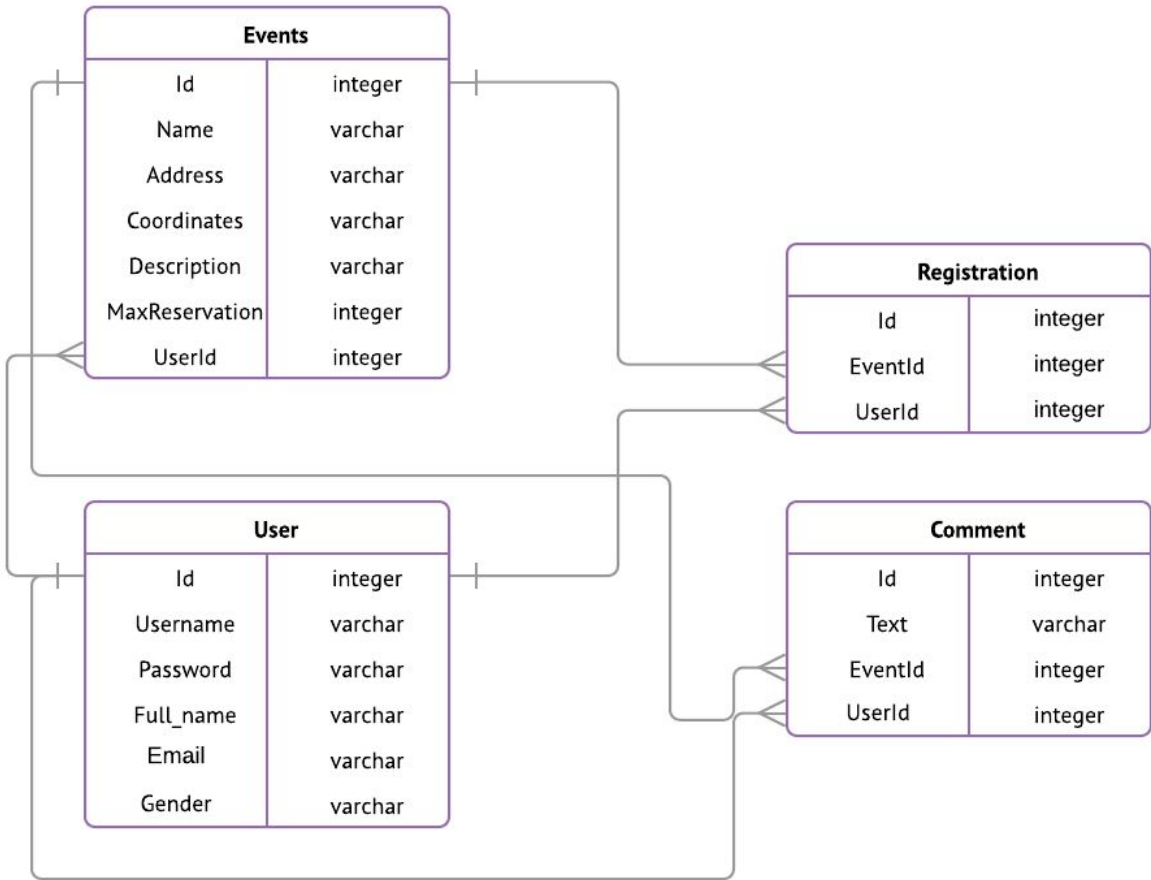
Fourth iteration

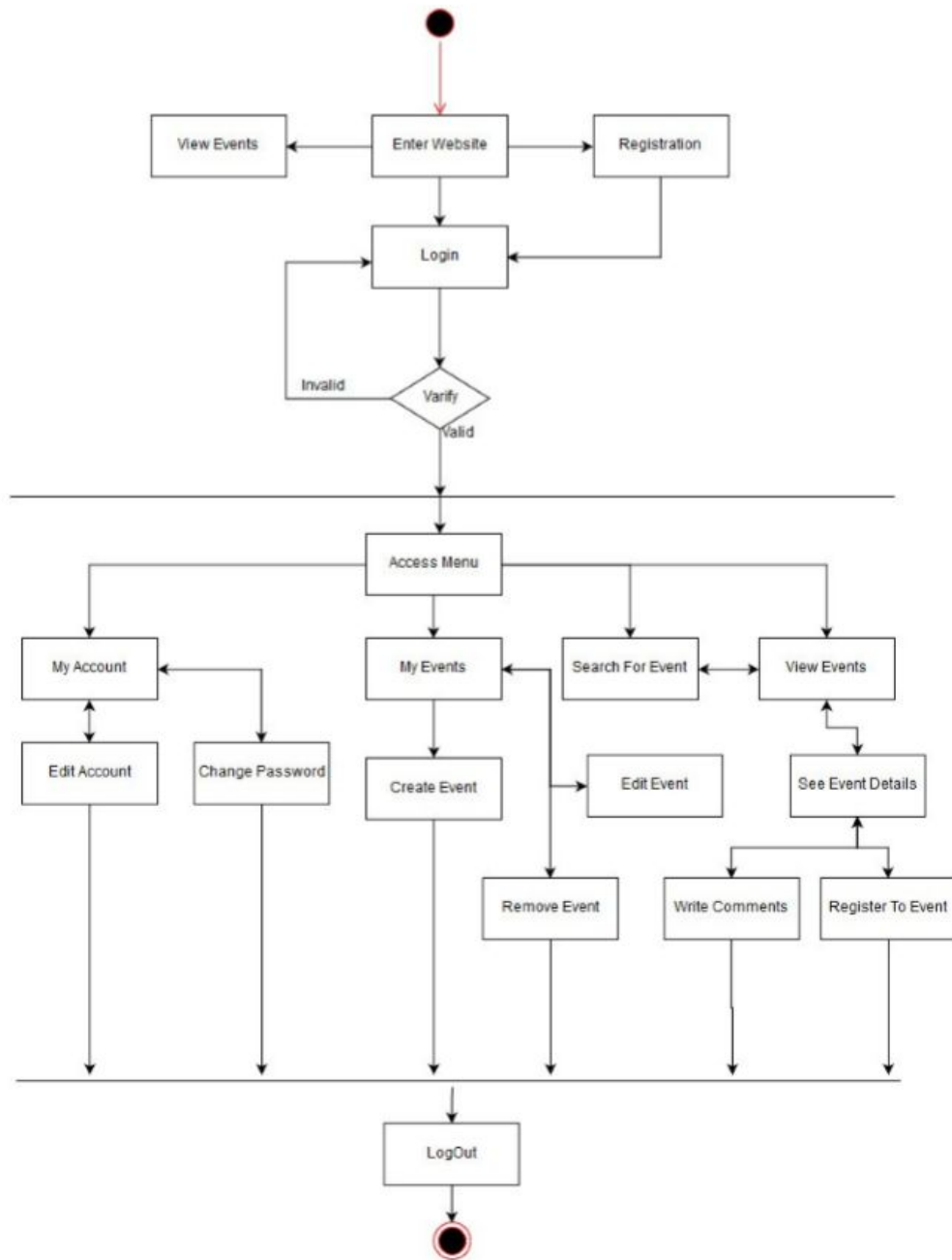
Create comment, read comment, edit comment, remove comment.

Non functional requirements.

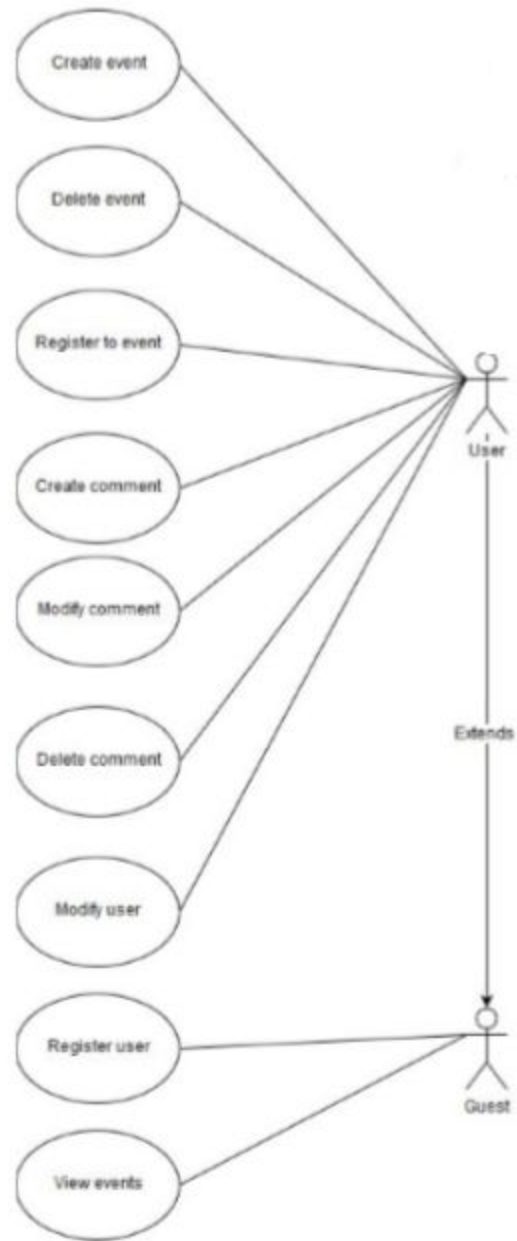
Speed and usability. Protected database from SQL injections.

Diagrams





Use case diagram



Changes

At first project technologies were - React for front-end, node.js for back-end, MongoDB for database. But after careful analysis, it was decided to use Angular for front-end, .NET Core for back-end, PostgreSQL for database. Also the project was scaled down, admin functionality does not exist. Guest User can not view events as it firsts was planned because of it did not have purpose, also some tables were removed for the same reason, and some table fields was also removed for the same purpose. The difficulties that the programmer faced is that all of the technologies were not familiar, the reason that the programmer picket the unfamiliar technologies is that he wanted challenge, he had the whole project done with other technologies - Django. For that reason, some of initial functionality was not done.

What has been accomplished

The first, second, third, and half of fourth iteration was successfully accomplished, all the bugs were resolved.

Diagrams have changed too, in this case, use case and ER diagrams were redone according to this project.