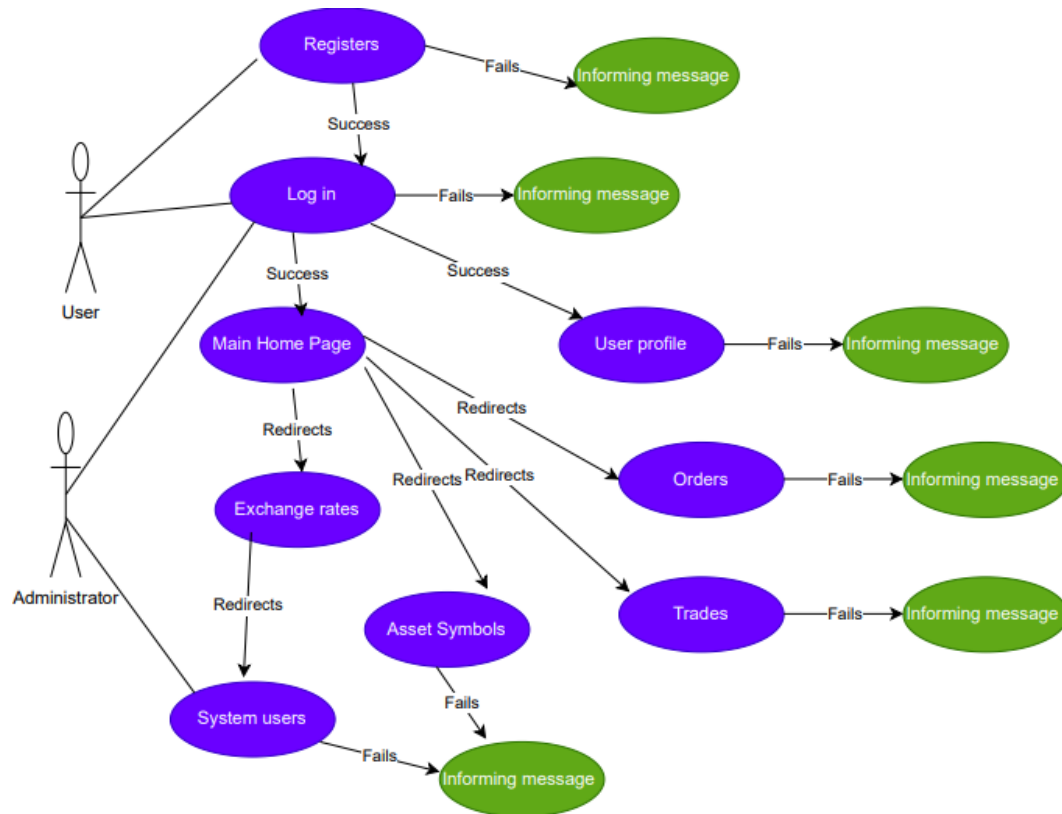


Design and Modeling of the application

To do the modeling of the application, we have used UML (Unified Modeling Language). Below you can find the UML diagram.



In our application we have two actors: simple users and admin. Both of them log in and upon success of this request the user is redirected to the main home page. There he can access his profile and has clickable images to redirect to other app interfaces: orders, Bitcoin exchange rates, buys and sell and asset symbols. The administrator, unlike the simple user, also accesses the user interface of the application. It can simultaneously delete and edit the CoinAPI key value. Logout takes you out of the application and redirects you to the login page. Normal users can register by adding their details and can access interfaces. The app is going to be implemented with RestAPI architecture, Angular for Frontend and .NET Core for Backend.