

Report Mood

Project "Mood" is supposed to be a web application where user answers questions about his feelings and preferences regarding film genres. Based on his answers "Mood" chooses some movies. This application is to help you choose a movie for your free time.

To be able to choose the right movie for users, we need to have information about it. We decided to ask the user 6 simple questions, including how he feels, what genres he likes and what he doesn't like. On this basis, we calculate the factor that allows us to determine what movies to look for. When we knew what kind of movies users wanted, we had to find a way in which the application would choose the best movie. At this stage, we used machine learning. We train our model based on people's opinions about movies so that it can return factor to each movie. Now we know the movie and user factor, so we can choose the perfect movies. Details about machine learning are in another document. The user gets a few movies to choose from. Users decide which movie want to watch, after they can rate it from 1 to 5 and next to the downloaded ratings we also have our ranking. This will help improve our applications, because no one likes to watch not good movies. The other amenities we've introduced include sorting movies by rating. To make our application attract even more people we have improved its appearance using the SASS preprocessor interpreted into CSS.

We have created a folder "modules" to separate domain logic from framework. They are in it a function for rating movies selected by the "mood", and save in memory our choose. We've also created a validators. We tried to do it in the django structure, but we couldn't, so we created it based on the old version of our project.

Using Django was an interesting experience for us. We discovered many of his secrets. At first it was magic for us, we had problems understanding the simplest things. Over time, trouble began to decrease and Django has become a really cool framework. Can we say that we are specialists from django?? No, no, no...There is still a lot of work ahead of us. However, we are sure that the knowledge we have gained will be useful more than once.