

TECHNICAL UNIVERSITY OF MOLDOVA

FACULTY OF COMPUTERS, INFORMATICS AND MICROELECTRONICS

SOFTWARE ENGINEERING AND AUTOMATICS DEPARTMENT

TECHNOLOGIES AND TOOLS IN WEB DEVELOPMENT

Twitter Clone App

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1 About the project

The project represents a twitter-like web application, with the features described below.

We implemented the application using 2 JS frameworks. For the back-end (API) we used AdonisJS which is a Node.js MVC framework, and for the front-end Vue, a progressive JavaScript framework.

2 Project Requirements

– Mandatory requirements

- Version Control (Git);
- Containerization (Docker);
- Testing

– Mandatory features

- User Registration;
- User Login/Logout;
- User should be able to tweet;
- User should be able to follow other users;
- User should see tweets from users he follows;

– Optional features

- User should be able to react to tweets;
- User should be able to retweet a tweet from other users;
- User should receive an email notification when a person likes/retweets his tweets;
- User should be able to bookmark/save tweets and there should be a dedicated page where user can see them;
- Any other features;

3 Technology Stack

- **Frontend**

- Vue - Progressive JS Framework;
- Axios - HTTP client;
- Semantic UI - CSS Framework;
- VeeValidate - Input Validation for Vue.js;

- **Backend**

- AdonisJS - Node.js MVC Framework;
- Node.js 10.15.0;
- NPM 6.4.1;
- MySQL;

4 Project implementation

Conclusion

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