

# Frontend DVerse

This part of the repository contains the code for the frontend of the DVerse project. This is a NextJS project using TypeScript. We chose NextJS as the framework because of its ease of setup and our team's familiarity with it. This project uses the [Shadcn](#) component library for easily creating the UI.

## Requirements

To run this project locally, you will need the following:

- Node.js (version 14 or later)
- npm (version 6 or later) or yarn (version 1.22 or later)
- A modern web browser

Ensure Node.js and npm/yarn are installed by running `node -v` and `npm -v` or `yarn -v` in your terminal. If these commands fail, you need to install Node.js and npm/yarn.

## Development

Before you can run the project, you need to install its dependencies. Navigate to the project directory in your terminal and run:

```
npm install
```

or if you prefer yarn:

```
yarn install
```

## Environment Variables

This project may require certain environment variables to be set up for API calls or other features. Rename the `.env.example` file to `.env.local` and fill in the necessary values.

## Running the Project Locally

To start the development server, run:

```
npm run dev
```

or if you are using yarn:

```
yarn dev
```

This will start the NextJS development server on <http://localhost:3000>. Open your browser and navigate to this URL to see the application running.

## Contributing

We welcome contributions to the DVerse frontend! Please read the following instructions before making pull requestst.

- We make use of [Shadcn](#), this means that all components are already there. When you want to create a new page or component, you must use the predefined [components](#) from Shadcn. This way we keep the styling structured and the same all over the project.
- Please read the NextJS documentation first before developing the code yourself. NextJS has some internal features that can be helpful in developing clean code such as: [Data fetching](#), [Rendering](#) on the server or client, [Testing](#) and more...
- You can't push to main instantly, so you have to checkout to another branch that has a good understanding what you are making. Form here you can create a pull request and it needs to be reviewed by at least one member.

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