

Report

The website I had developed is **Mirror - The way you see through your life**. The motivation behind doing this project is that many people like me who have a habit of writing a diary but are not able to carry it everywhere need to write their daily memories separately and need to write it down again in the diary. So it would be better if there is a website which can be accessed everywhere to store the memories without extra work and much strain.

This website is made using front-end tools (HTML, CSS, JavaScript, Bootstrap, EJS) and back-end tools (Express, passport, mongoose).

The below are the npm packages used along with their versions

- body-parser: 1.19.0
- dotenv: 10.0.0
- ejs: 3.1.6
- express: 4.17.1
- express-session: 1.17.2
- jquery: 3.6.0
- mongoose: 5.12.13
- multipart: 4.2.2
- nodemailer: 6.6.2
- nodemon: 2.0.9
- passport: 0.4.1
- passport-local-mongoose: 6.1.0
- popper.js: 1.16.1

EJS is used here because it is a better option to render dynamic content to websites after React JS. React JS is not used to reduce complexity of the code.

Express is the main foundation for the whole backend of the website.

Mongoose is used to perform CRUD operations with the database.

Passport is used for authentication checks.

Nodemailer, multipart are used for functionality of contact form.

Nodemon is only used to make work easier while developing the website. It might not be required while actually hosting the website.

Rest all the packages are for the front-end functionality of the website.

A detailed explanation of all the pages of the website are explained in the presentation and video too. The code functionality of backend and ejs are explained in the website.