


# Frontend Deployment

The frontend is deployed at  [C-LARA - Recording Management](#) using Vercel.

- It uses Vercel's automatic CI/CD, that builds the project each time the main branch is committed.
- The API url is provided by environment variable `VITE_API_URL`.
- The build process is powered by Vite which convert our project to static html, css and js bundles. By serving the bundles through a static file server, our frontend can be easily deployed anywhere (see steps below).

## Steps to Deploy Mannually

1. Prerequisites of building our frontend: `Node.js v18` and `npm`
2. Clone the repo at  <https://github.com/NoahELE/IT-Project-Team-Recording> [Connect your Github account](#)
3. cd into `web` folder
4. Install the dependencies by running `npm install`
5. **(Required)** create a `.env` text file in the root of the frontend project, with the following content, where `VITE_API_URL` is the backend api's url. You can also provide it by environments variables.

```
1 VITE_API_URL=xxxxxx
```

6. (Optional) Start the dev server by running `npm run dev`
7. Build the project by running `npm run build`
8. The built bundles sits in the `dist` folder
9. (Optional) The bundle can be previewed by running `npm run preview`
10. Move the bundles inside the `dist` folder to where you want to serve.