

Software Used in This Application:

- **Backend**

- Node.js: We leverage the Node.js runtime environment to build the backend of our application.
- Express.js: Express.js serves as our web application framework for Node.js.
- Docker Compose: We use Docker Compose to configure and manage our MySQL database and PHPMyAdmin containers.
- Database: We encapsulated our MySQL database within a Docker container named 'mysql_database'.
- PHPMyAdmin: To facilitate database management, we have deployed a PHPMyAdmin container named 'phpmyadmin'. This container provides a web-based interface for convenient database administration. It depends on our MySQL database container ('database') to ensure synchronized access. (<http://localhost:3002/>)
 - Username: root
 - Password: root
- MailCatcher: We've added MailCatcher as a Docker container. MailCatcher is a tool that intercepts and displays emails sent from our application, providing a simple way to capture and inspect outgoing emails. (<http://localhost:1080/>)
- Authentication and Security: We employ the 'bcrypt' library for password hashing and 'jsonwebtoken' for generating and verifying JSON Web Tokens (JWT) to authenticate and authorize users securely.
- Email Communication: 'Nodemailer' facilitates the sending of emails from our application.

- **Frontend**

- Ionic Framework: Our frontend is built upon the Ionic Framework which uses web technologies like HTML, CSS, and JavaScript.
- Angular: Angular serves as the foundation of our frontend application.