Issues:

1. DB not connected error
2. Email path not being received
3. Gender not recognizing ‘male’ as valid enum value

Changes:

1. backend/config/database.js: dotenv.config(); was missing && it appears the IP address keeps changing for some reason, therefore we had keep whitelisting the new address every few times.
2. backend/controllers/userController: await User.create was missing the “email” field, causing it to not be passed when creating user.
3. frontend/src/components/SignUp.js: fixed typo of lowercase ‘m’ to uppercase ‘M’

Redux Store: npm i @reduxjs/toolkit react-redux

Socket implementation:

1. created socket.js inside socket folder in backend
2. inside frontend: npm install socket.io-client
3. After socket changes were made, {app, server} were imported into index.js of backend, and changed app.listen(PORT, ()=>{…} to server.listen…

Deployment:

First issue: Cannot get src/build/index.html

The build was not creating the index.html file because of an issue in one of the CSS files, where I had used irregular characters “<!-- …”. This caused a compilation error that created assets under build/dist folder, but did not contain the other js and html files. It was resolved by removing the characters and correcting the CSS code.

Second issue: Render deployment failed status 127 and 1

We faced an issue where the deployment kept failing on build. Later, it was discovered to be a problem of “nodemon”. So, in package.json file, our start script had included “nodemon backend/index.js”. It was resolved by changing “nodemon” to “node”. Since nodemon is only for development environment and node is used for the deployment, so Render did not recognize it.

Third issue: localhost changed and endpoints

When deploying, we must change localhost endpoints to the suitable endpoint. The “http://localhost:3000/api/v1/user” and such were changed to USER\_API\_ENDPOINT. Then, this variable was declared in frontend/src/utils/constant.js file. Alongside, MSG\_API\_ENDPOINT was also created and replaced the local endpoints.

Fourth issue: backend localhost

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