**Technical Problems**

1. After deploying our front-end webpage was not loading

A screenshot of a computer

Description automatically generated

(*Angular Base Href Not Showing up in URL*, n.d.)

1. Relative path for logo and other static assets was not working after deployment. We were getting 404 error, apparently in angular for assets folder there need to navigate from current file we can start from assets folder. we can give path like ‘assest/images/img.png’ instead of ‘../../assest/images/img.png (*Images Not Loading from Assets Folder in Angular*, n.d.)
2. ‌In angular while building our application for production we were getting error. In order to fix we have increase the budget of our application in terms of size. (Gudelli, 2023)

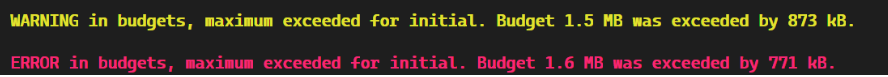


FIG – Screenshot of error

1. While installing python in server we were getting error. All we needed it to update the package which we forgot, and it took a day to figure it out why the problem occurs *[Ubuntu] Error While Using Apt-Get Install [Archive] - Ubuntu Forums*, n.d.).

A screen shot of a computer program

Description automatically generated

Fig: package update issue

1. ‌When users uploads multiple files with the same name snapshots where created or file is replaced in blob storage rather than creating a new file so we have too add EPOCH timestamp to fix it. Epoch time is “ is the number of seconds that have elapsed since January 1, 1970”  (*Epoch Converter*, 2010).
2. We encountered an issue during the deployment of our Spring Boot application on AWS. Initially, we were using JDK 21 for my application, but we faced compatibility problems when trying to deploy it. The tomcat server and other apps running on it did not support JDK 21, which led to deployment failures and operational issues.
3. For deploying spring boot in Tomcat server we need to use WAR Packaging because of that we created project with war packaging which led to state where application is not starting at all. So I have to go to JAR packaging then convert into WAR for deployment.

References-

*Angular base href not showing up in URL*. (n.d.). Stack Overflow. Retrieved October 20, 2023, from <https://stackoverflow.com/a/60021179>

*Images not loading from assets folder in Angular*. (n.d.). Material Design for Bootstrap. Retrieved October 20, 2023, from <https://mdbootstrap.com/support/angular/images-not-loading-from-assets-folder-in-angular/#:~:text=Dear%20%40mani12->

‌ Gudelli, A. (2023, February 8). *WARNING in budgets, maximum exceeded for initial Angular error fix*. Angular Wiki. <https://www.angularjswiki.com/angular/warning-in-budgets-maximum-exceeded-for-initial-angular-error/>

‌ *[ubuntu] Error while using apt-get install [Archive] - Ubuntu Forums*. (n.d.). Ubuntuforums.org. Retrieved October 20, 2023, from <https://ubuntuforums.org/archive/index.php/t-2151671.html>

*Epoch Converter*. (2010). Epochconverter.com. <https://www.epochconverter.com/>