

CBM Integrated Software Inc.

www.cbmis.com

PWA Full Stack Training (Build one app for any device)

Task 10:

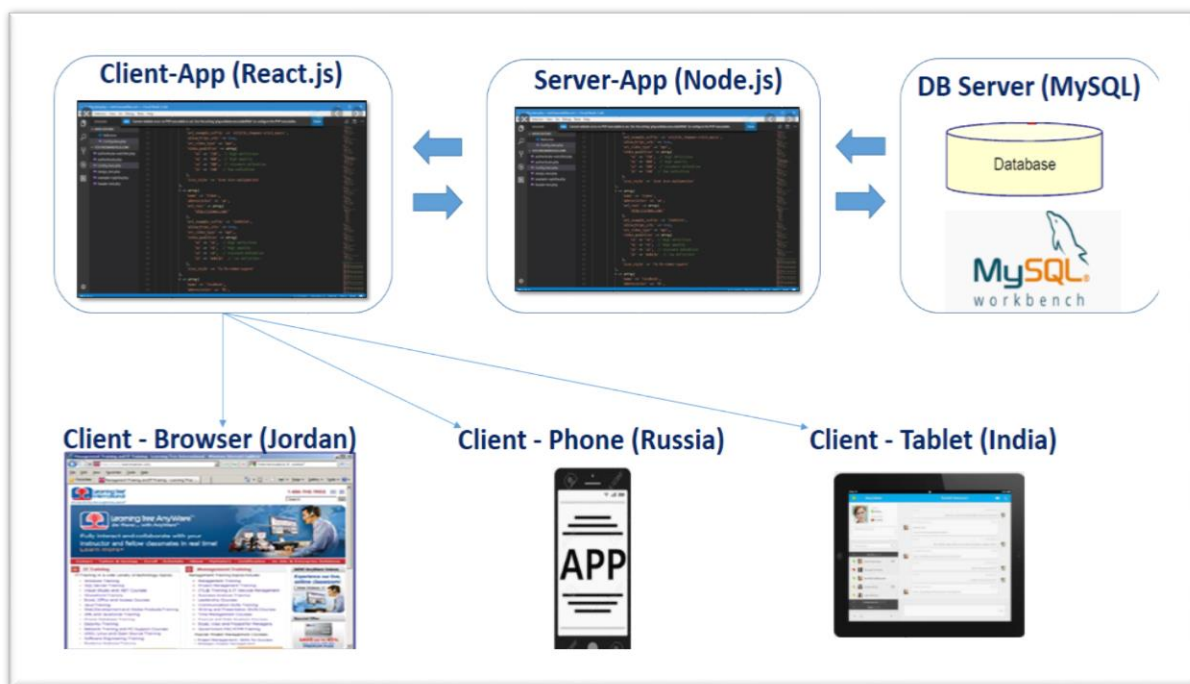
Application Hosting

Artifact 1 Duration: 7 Days

Artifact 2 Duration: 3 Days

Task Description:

Application hosting is a service provided by companies that sell or lease space on a server where you store the files that make your application/website accessible on the internet. In this task you should show how you can host the various components of your application (Database, ServerApp, & ClientAPP):



It's recommended to use the following Amazon Web Services (Lightsail & Amplify). However, Please feel free to use any other hosting services you prefer.

Task Deliverables:

- 1- Create a zip folder that contains all your apps & source codes. Upload the folder to google drive and submit your google drive link of that folder.
- 2- Using (www.screencast-o-matic.com) record a video presentation explaining your codes and challenging your faces while working on this task.

Task Learning Outcome:

Upon successful completion of this task, you will be able to:

- 1- Explain how you can use AWS Lightsail to host MySQL database
- 2- Describe how you can use AWS Lightsail to host Node.js/Express.js applications (ServerApp)
- 3- Use AWS Amplify to host your React Single Page Applications (ClientApp)

Recommended Recourses:

- 1- <https://aws.amazon.com/getting-started/hands-on/deploy-nodejs-web-app/>
- 2- https://lightsail.aws.amazon.com/ls/docs/en_us/articles/amazon-lightsail-connecting-to-your-mysql-database
- 3- <https://docs.amplify.aws/start/q/integration/react>
- 4- <https://blog.bitsrc.io/8-react-application-deployment-and-hosting-options-for-2019-ab4d668309fd>
- 5- <https://www.websitebuilderexpert.com/web-hosting/node-js/>
- 6- <https://www.hostingadvice.com/best/mysql-hosting/>