Web & Mobile Programming ICP10

ICP7 Group 26

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Source code link:

<https://github.com/UMKC-APL-WebMobileProgramming/ICP10-mdcm2/tree/main/Source>

Video link:

<https://drive.google.com/file/d/1SlAm687JMVI7NQu-iwc5Pm9i1baRqexW/view?usp=sharing>

My Partner:

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Partner source code link:

<https://drive.google.com/file/d/1SlAm687JMVI7NQu-iwc5Pm9i1baRqexW/view?usp=sharing>

This ICP is all about the creation of an earthquake application which will display the list of the earthquakes.

The other task is when we click on the earthquake it should redirect to the USGS page which will have the further information about the earthquake.

Here we have a todo list for the completion of the tasks.

In this we are getting a request from the URL and getting the API information from the API

Text

Description automatically generated

After that we have read the URL connection and appending the line to StringBuffer and closing the Buffered Reader and converting the stringBuilder to string and using it as a Json response.

Text

Description automatically generated

Here we are parsing the Json object and extract the json array and getting the Json object properties from the features.

Text

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Text

Description automatically generated

Here we have created a new intent to view the earthquake URI and send the intent to intent to launch a new activity.

Text

Description automatically generated

Here we have added permission to internet.

Text

Description automatically generated

Output:

Graphical user interface, text, application

Description automatically generated

The list of the earthquakes

Graphical user interface, map

Description automatically generated with medium confidence