

Impact Calculator Design Layout

A) UI

- Program Language: Javascript
- Framework: React;
- Fetching data library: Axios;

B) Backend Server

- Program language: Java;
- Framework: Spring Boot;
- Junit testing library : Mockito

api_url: <http://localhost:9090/impact.com/api>

endpoints:

1, "/healthCheck"

response:

```
{  
  "statusCode": 200,  
  "message": "healthCheck successful"  
}
```

2, "/getAddResults"

this method will take two Integers and return sum of those two as integer

3, "/getSubtractResults"

this method will take two Integers and return difference of those two as integer

4, "/getMultiplyResults"

this method will take two Integers and return product of those two as integer

Junit testing has covered all four methods;

UI should pass two integers to the backend and hit the corresponding method to retrieve an integer as result and display it.