**A picture containing text, clipart

Description automatically generated**

**Formative Assignment \_\_**

|  |  |
| --- | --- |
| Module Name | Application Integration |
| Course Name | Bachelor’s Degree in Software Engineering |
| Assignment Title | Implement webhook integration with external App |

|  |  |
| --- | --- |
| Learner Name | Francis Roel L. Abarca |

|  |
| --- |
| Learner declaration |
| I certify that the work submitted for this assignment is my own and research sources are fully acknowledged.  Student signature: Date: 5/25/23 |

**Trainer--- University training, SSG training,**

**Content development**

**Scope of this Assignment**

The scope of this assignment is to implement webhook integration for notification using Slack for ‘XYZ Cars Pte Ltd’.

These are the steps provided to build an API.

1. Set up Slack for Integration
2. Creating an App for webhook integration
3. Enabling Webhook in App
4. Implement webhook integration in XYZ portal which is already developed.
5. Testing using Postman.
6. Use the API in React Application.

**Task Wise Solutions**

1. Set up Slack for Integration

* Sign In with Google or create a new account  
  A screenshot of a login box

  Description automatically generated with low confidence
* Create a Workspace  
  A screenshot of a website

  Description automatically generated with low confidenceA screenshot of a computer screen

  Description automatically generated with low confidence
* Enter your company name A screenshot of a computer

  Description automatically generated with medium confidence
* Create your own profile A screenshot of a video chat

  Description automatically generated with medium confidence
* Create a Project Title A screenshot of a computer

  Description automatically generated
* Finished Result A screenshot of a computer

  Description automatically generated

1. Creating an App for webhook integration
   * Create a new app A screenshot of a computer

     Description automatically generated with medium confidence
   * Select “From Scratch” A screenshot of a application

     Description automatically generated with medium confidence
   * Name your app then select your workspace to deploy your app then Create app.  
     A screenshot of a computer

     Description automatically generated with medium confidence
   * After creating the app, open your app and below Features, select Incoming Webhooks A screenshot of a computer

     Description automatically generated with medium confidence
2. Enabling Webhook in App
   * Select “Add New Webhook to Workspace”  
     A screenshot of a webpage

     Description automatically generated with medium confidence
   * Select the appropriate channel for the App to post.A screenshot of a computer

     Description automatically generated with low confidence
   * Copy the Webhook URL A screenshot of a webpage

     Description automatically generated with low confidence
3. Implement webhook integration in XYZ portal which is already developed.
   * MessageController.java A screen shot of a computer program

     Description automatically generated with medium confidence
   * Message.java  
      A screen shot of a computer program

     Description automatically generated with low confidence
   * MessageService.java A screen shot of a computer

     Description automatically generated with medium confidence
4. Testing using Postman.
   * Postman POST A screenshot of a computer

     Description automatically generated
   * Slack App View A screenshot of a computer

     Description automatically generated
5. Use the API in React Application.
   * Message.js  
      A screen shot of a computer program

     Description automatically generated with low confidence A picture containing text, screenshot, software

     Description automatically generated
   * Webpage View A screenshot of a computer

     Description automatically generated with medium confidence
   * Message sent view A screenshot of a computer screen

     Description automatically generated with medium confidence
   * Slack View  
     A screenshot of a computer

     Description automatically generated