



**Module Code & Title**

CS6P05 Final Year Project MAD

Food Share - Android App

**Artifact – Testing**

**Student Details**

Name: Sita Ram Thing

London Met Id: 22015892

College Id: NP01MA4S220003

Islington College, Kathmandu

24 April 2024

Contents

[1. Introduction 4](#_Toc164833346)

[1.1 Unit Testing 5](#_Toc164833347)

[1.2 Waste Food Management System Test 12](#_Toc164833348)

[Figure 1: Types of testing. 4](#_Toc164833349)

[Figure 2: Introduction to testing 5](#_Toc164833350)

[Figure 3: About the Django rest framework Unit test 6](#_Toc164833351)

[Figure 4: Activate the environment variable. 7](#_Toc164833352)

[Figure 5: Create the new test file 8](#_Toc164833353)

[Figure 6: Empty file has imported the Django test case 8](#_Toc164833354)

[Figure 7: Create the defauld the TestCaseFunction 9](#_Toc164833355)

[Figure 8: Develop the test function. 9](#_Toc164833356)

[Figure 9: Run the test case function with success function 10](#_Toc164833357)

[Figure 10: if the test is failed show the fails or error response 11](#_Toc164833358)

[Figure 11: Register User unit test function 12](#_Toc164833359)

[Figure 12: Register User unit test failed 13](#_Toc164833360)

[Figure 13: Register success unit test function 14](#_Toc164833361)

[Figure 14: Register success unit test response 14](#_Toc164833362)

[Figure 15: New user register empty register screen 15](#_Toc164833363)

[Figure 16: Web testing to enter the user details to register 16](#_Toc164833364)

[Figure 17: set data in the database. 16](#_Toc164833365)

[Figure 18: Web testing shows the inactive account 17](#_Toc164833366)

[Figure 19: Web testing user account is successfully activated 17](#_Toc164833367)

[Figure 20: View donate food detail for notification 18](#_Toc164833368)

[Figure 21: Before detailing the food 19](#_Toc164833369)

[Figure 22: Delete confirmation dialogue. 20](#_Toc164833370)

# Introduction

A screenshot of a computer test

Description automatically generated

Figure 1: Types of testing.

## 1.1 Unit Testing

A screenshot of a test

Description automatically generated

Figure 2: Introduction about the testing

A screenshot of a computer error message

Description automatically generated

Figure 3: About the Django rest framework Unit test

A screenshot of a test suite

Description automatically generated

Figure 4: Activate the environment variable.

A screenshot of a computer program

Description automatically generated

Figure 5: Create the new test file

A screenshot of a chat

Description automatically generated

Figure 6: Empty file has imported the Django test case

A screenshot of a computer

Description automatically generated

Figure : Create the defauld the TestCaseFunction

A screenshot of a computer

Description automatically generated

Figure 8: Develop the test function.

A screenshot of a computer

Description automatically generated

Figure 9: Run the test case function with success function

A screenshot of a computer program

Description automatically generated

Figure 10: if the test is failed show the fails or error response

## 1.2 Waste food management system test

A screen shot of a computer program

Description automatically generated

Figure 11: Register User unit test function

A screenshot of a computer program

Description automatically generated

Figure 12: Register User unit test failed

Register success unit test

A screen shot of a computer program

Description automatically generated

Figure 13: Register success unit test function

A screen shot of a computer

Description automatically generated

Figure 14: Register success unit test response

1.3 System Testing

**A screenshot of a login form

Description automatically generated**

Figure : New user register empty register screen

**A screenshot of a login form

Description automatically generated**

Figure 16: Web testing to enter the user details to register

**A screenshot of a computer

Description automatically generated**

Figure : set data in the database.

**A screenshot of a computer

Description automatically generated**

Figure 18: Web testing shows the inactive account

**A screenshot of a computer

Description automatically generated**

Figure 19: Web testing user account is successfully activated

A screenshot of a phone

Description automatically generated

Figure 20: View donate food detail for notification

**A screenshot of a phone

Description automatically generated**

Figure 21: Before detailing the food

A screenshot of a phone

Description automatically generated

Figure 22: Delete confirmation dialogue.