Beta Testing Document

for

COAS

Version <1.0>

Prepared by

Group #: Team 9   **Group Name: Matrix**

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Revisions

Version	Primary Author(s)	Description of Version	Date Completed
Draft Type and Number	Full Name	Information about the revision. This table does not need to be filled in whenever a document is touched, only when the version is being upgraded.	00/00/00

1 Introduction

Canteen Order Automation Software is made to digitalize and automate the canteen order and management system. This software was made to avoid crowding at canteen and make ordering of food convenient for students. This software will help to manage and run the canteen business systematically.

Students can rate their orders by the feedback option available in the software. This helps other students to decide which canteen is better on the basis of rating given by other students.

Canteen owners can update the prices as well as add new food items available in the canteens. All the information about daily expenses and profit will be saved in the system for canteen owners.

2 List of Reported Bugs

BUG 1:

Tested Feature: Range of Roll Number

Tester Name: Samarpreet Singh

Testing Date: 14/4/22

Bug Details: The user is registered even if we provide non-positive integer as roll number.
For example, user was created successfully with roll no. -1, which is impractical.

Bug Report Date: 14/4/22

Has the bug been fixed? Yes

Date of Bug fixing: 16/4/22

Any other comment (for example, how satisfied are you with the bug fixing):
Fixing the bug was a simple task, since the only thing to be changed was the range of the integer attribute.

BUG 2:

Tested Feature: Login

Tester Name: Akshunya Vijayvargiya

Testing Date: 14/04/22

Bug Details:
When incorrect login credentials were entered, we are directed to the
default django error page.

Bug Report Date: 14/04/22

Has the bug been fixed? Yes

Date of Bug fixing: 18/04/22

Any other comment (for example, how satisfied are you with the bug fixing):
It is fixed and now it shows incorrect username or password if wrong
credentials are entered.

BUG 3:

Tested Feature: User Registration

Tester Name: Akshunya Vijayvargiya

Testing Date: 15/04/22

Bug Details:
Registration was successful even if the password and confirm password were not the same.
During registration when password was filled "12345678abc" and confirm password was set as "password123" then also the form was accepted.

Bug Report Date: 15/04/22

Has the bug been fixed? Yes

Date of Bug fixing: 18/04/22

Any other comment (for example, how satisfied are you with the bug fixing):
It is fixed and now the form only accepts only if password and confirm password are same.

BUG 4:

Tested Feature: Registration with same credentials

Tester Name:Samarpreet Singh

Testing Date: 15/04/22

Bug Details:
Instead of alert, an error page appeared if we tried to register with an
already existing username.

Bug Report Date: 15/04/22

Has the bug been fixed? Yes

Date of Bug fixing: 18/04/22

Any other comment (for example, how satisfied are you with the bug fixing):
None

BUG 5:

Tested Feature: Links in footer

Tester Name: Akshunya Vijayvargiya

Testing Date: 15/04/22

Bug Details:
The copyright link and the terms and conditions link in the footer are not
working.

Bug Report Date: 15/04/22

Has the bug been fixed? No

BUG 6:

Tested Feature: Returning to home page

Tester Name: Samarpreet Singh

Testing Date: 16/04/22

Bug Details:
When the superuser is logged in and the current url is /admin, if we want to
visit the home of website by removing the /admin suffix, we are redirected
to an error page.

Bug Report Date: 16/04/22

Has the bug been fixed? No

3 Overall Quality of the Software

1. How good is the user manual? Was it easy to install and run the software?

The user manual is very brief and easy to understand, the provided images really makes it very intuitive to understand all the functionalities. Although the user manual fails to provide the information regarding procedure needed by the canteen/staff to register as a user, which clearly shows ignorance towards one of the major stakeholder of the software.

2. How is the quality of the code? Is it well documented? Is the code modular? Are the variables and the function names meaningful?

The quality of code is good, with standard inbuilt libraries of Django and Python used in it. The documentation is satisfactory, with some minor errors. The code has been arranged in functions and classes, and the naming convention used is appropriate and understandable.

3. Do you think that the software lacks some major features that may make it lees acceptable to the user?

 Yes, we feel that some major features aren't present in the software. The order feature doesn't have an option to remove the item, if added by mistake, or confirm its addition (just in case someone selects the item by mistake). There should've been a functionality via which a user can clear the dues for an item bought earlier, if he/she wants to pay for them now i.e. once an item's Paystatus is declared unpaid, we can't pay for it. The home page of website lacks relevant information, just some random text is printed on it. We feel that the home should've comprised of general information, like that present in Orders and Your Profile sections.

4. Does the software not satisfy any major non-functional requirements?

 The software satisfies most of the testable performance requirements as well as quality attributes. Although, the software fails to generate confirmation code as mentioned in the SRS which is a major safety and security requirement. As a non functional requirement, the software does not provide a a scroll bar in the drop down menus accessible from the navigation bar which limits visibility of some major options.

Appendix A - Group Log

We received the github repository of project to be tested on 12/04/22. We had our first meeting as beta testing team on 13/04/22 and divided the work. All were asked their experience and how was the overall quality of software. Akshunya and Samarpreet were assigned to mention all the bugs found. The documentation work was divided equally between the members of the team. We conversed with the developing team and told them all the errors till 17th and they fixed the issues we mentioned in given time.