# 

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# Evaluation and Reporting

# Controlled Experiment

## Design of Our Experiment:

Subject: Areesha, 22, Student at FAST NUCES Islamabad.

Hypotheses: We predict that based on the simplicity of our design and refinement in the previous stages of development the User will take 40 ± 5 seconds to complete the assigned task.

## Defining Variables:

Independent Variable: The User Interface of the FAST-Food App.

Dependent Variable: The time taken for the user to complete the given task using the provided User-Interface.

## Sample Selection:

The sample was selected from our Primary persona which was University Students. We chose to only perform a single experiment on a single subject.

## Task Design:

The task chosen to be performed by the subject was that of choosing and ordering a meal plan until the order had been received. This does not include the time to provide feedback after the order has been received. This task was chosen since it goes through multiple features of the system.

## e. Deployment

## To carry out the experiment we set up a controlled environment in an empty room free of distractions.

## f. Results

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# Useability Review Questionnaire

|  |  |  |
| --- | --- | --- |
| Experts | Personal Information | Score |
| Expert 1 | ***Muhammad Qummer ul Arfeen***  Data manager in Health Informatics UCL London  ***LinkedIn:*** <https://www.linkedin.com/in/arfeenbth/> | Score: **85** |
| Expert 2 | ***Muhammad Abuzar***  Game Developer at Business Analytics  ***LinkedIn:*** <https://www.linkedin.com/in/-abuzar> | Score: **89** |
| Expert 3 | ***Musab Akram***  React Developer at CarbonTeq  ***LinkedIn:*** <https://www.linkedin.com/in/musab-akram-6b894a130/> | Score: **83** |
| Expert 4 | ***Abdul Moiz***  Full Stack Web Developer at Cure Partners  ***LinkedIn:*** <https://www.linkedin.com/in/abdul-moiz-916b4625b> | Score: **82** |
| Expert 5 | **Ali Raza**  Full Stack Web Developer at CarbonTeq  ***LinkedIn:*** <https://www.linkedin.com/in/aliraza1603/> | Score: **85** |
|  | Average Score | **84.8** |

The links to Excel Sheets are:

**Expert 1:** [**Excel Review Sheets\Muhammad Qummer ul Arfeen UCL London.xls**](Excel%20Review%20Sheets/Muhammad%20Qummer%20ul%20Arfeen%20UCL%20London.xls)

**Expert 2:** [**Excel Review Sheets\Muhammad Abuzar Business Analytics.xls**](Excel%20Review%20Sheets/Muhammad%20Abuzar%20Business%20Analytics.xls)

**Expert 3:** [**Excel Review Sheets\Musab Akram CarbonTeq.xlsx**](Excel%20Review%20Sheets/Musab%20Akram%20CarbonTeq.xlsx)

**Expert 4:** [**Excel Review Sheets\Abdul Moiz Cure Partners.xls**](Excel%20Review%20Sheets/Abdul%20Moiz%20Cure%20Partners.xls)

**Expert 5:** [**Excel Review Sheets\Ali Raza CarbonTeq.xlsx**](Excel%20Review%20Sheets/Ali%20Raza%20CarbonTeq.xlsx)