Software Requirements Specification

For

BUZZWORLD
(A Quiz Platform Website)

Prepared by Group-11

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Introduction

We are creating a real-time website to 'take an online quiz' effectively and effortlessly having great features involved. This site accommodates attractive interfaces that are easily accessible and understandable by the users.

Purpose

"Life is not a multiple-choice test, it's an open book essay exam."

Quiz of different subjects help us to test our knowledge and evaluate ourselves. People have lot of difficulties in creating a quiz as they have to search for different questions from different sites so we are creating a platform from where the user have to just search once and all the questions of particular subject from different sites will come across him. I will help the user to his work in an effective way.

Document Conventions

Acronyms and Abbreviations:

- ✦ CSS- Cascading Style Sheet
- ✦ JS- JavaScript

Highlights:

- ✦ Bootstrap
- ✦ Web-Scrapping
- ✦ Node JS
- ✦ Socket.io Module

Intended Audience and Reading Suggestions

The intended audience is the one who has keen interest in creating the quiz and want to take quiz of different subjects and test the ability of the teachers.

This is generally meant for the teachers and the students and for the different recruiters who take online quiz to judge the ability of their professionals.

Project Scope

This platform is good for may people like teachers, Professors, students of all age groups. People can evaluate their knowledge related to subjects on this platform.

During Covid, as students are studying online so this platform is going to be very fruitful for them.

Overall Description

Project Perspective

The BuzzWorld website will help in the evaluation of students marks and their academic activities. It is very helpful during the online studies. The user do not have to jump on different sites for the question. They can directly search it from our website.

Project Functions

In Our project, questions are fetched from different sites using the UI Path Studio. We have connected the backend to our site using Nodejs and MongoDB. The user can see the both question and the answers. They can even edit the quiz such as they can add and delete as many as question they want to do. They can create a well-defined quiz using this platform.

Operating Environment

Windows 7/8/10 or Linux, minimum 4GB of RAM, 100 GB storage, intel processor and a stable internet connection to run the website.

Implementation Constraints

Each user must have unique User-ID and password to login to the dashboard of our website so that the user can visualize his or her information or data such as how many quizzes he has done or created from this site.

The main challenge faced during the implementation of this project was to fetch the questions of the given subjects from the different sites.

User Documentation

We take help from various sites and tutorials to complete this project such as w3schools, geeksforgeeks and search for different sites like examveda, avatto to search for various questions for our website.

Assumptions and Dependencies

Each user must have a User-ID and password and stable 500 Kbps Internet connection.

<u>Requirements</u>

Hardware Requirements

✦ Personal computer
✦ Laptop
✦ Android Phone

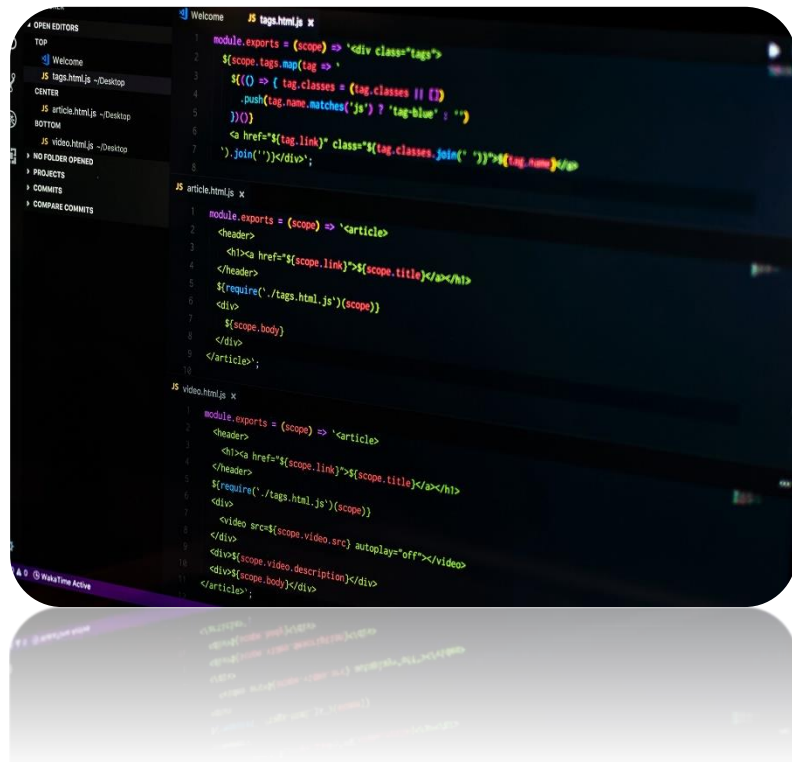Note: Any one of these devices is required to run our website.

Software Requirements

The application software which we required to build our website are as following:
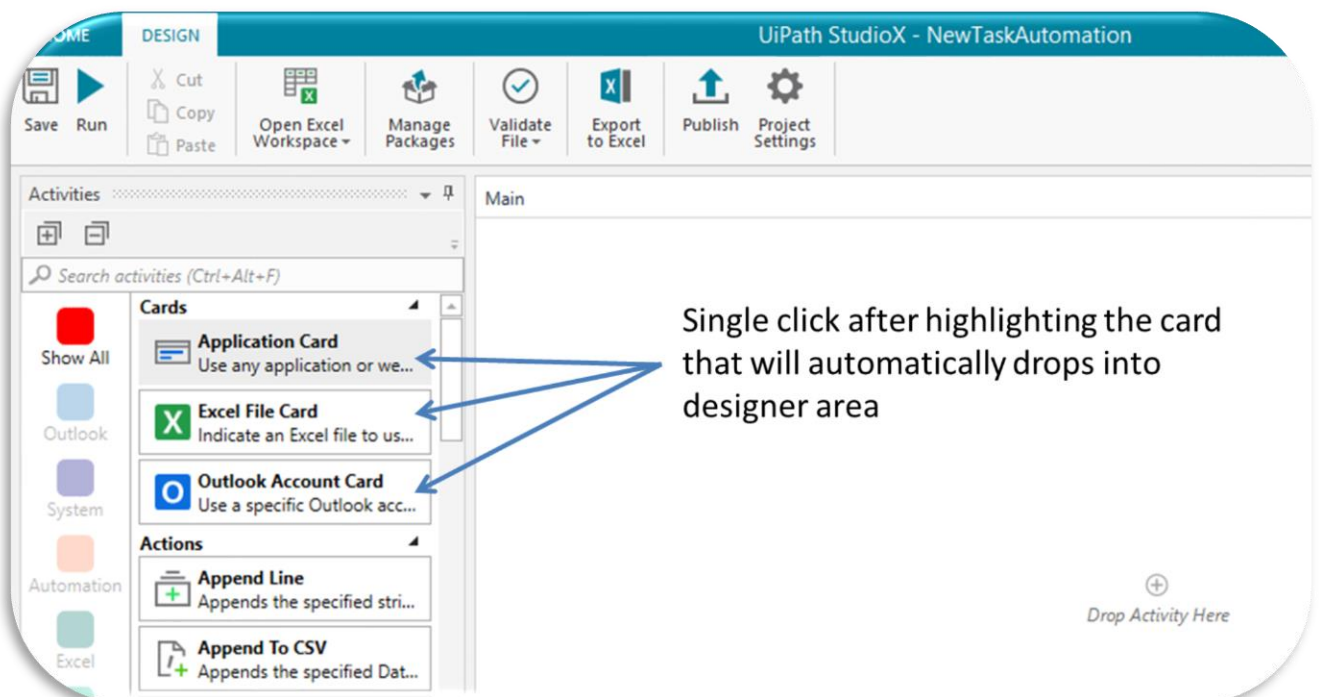
✦ _<u>VsCode (Visual Code Studio)</u>_

This software helps us to create the interface of our website. Through this software we have created the front-end of our website.

We have used the HTML, CSS, Bootstrap and JS to build the front-end.

✦ *UI Path Studio*

This software helps us to fetch different question for the quiz from different sites on the google and show it on the website through backend connectivity.

✦ *MongoDB*

This application software helps us to connect backend to our site. We have done all types of backend connectivity through this software.


```
db.products.find( { "item" : "orange" } ).pretty()

        "_id" : 8,
        "item" : "orange",
        "type" : "cara",
        "cost" : 2.99,
        "warranty" : 3,
        "available" : true
}
{
        "_id" : 4,
        "item" : "orange",
        "type" : "navel",
        "cost" : 1.39,
        "warranty" : 1,
        "available" : true
}
{
        "_id" : 3,
        "item" : "orange",
        "type" : "satsuma",
        "cost" : 1.99,
        "warranty" : 1,
        "available" : false
}
{
        "_id" : 2,
        "item" : "orange",
        "type" : "valencia",
        "cost" : 0.99,
        "warranty" : 1,
        "available" : true
```

Appendix A: Glossary

- _SRS_: Software Requirement Specification
- User ID: Unique username of an individual used to login to the site.
- Password: Unique password given to each user as a secret code for login purpose.