

QA Fundamentals and Manual Testing Retake Exam



Part I – Revue Crafters Web Application

You are provided with a web application, **Revue Crafters**, along with a specification of the requirements. The primary objective of the exam is to ensure the App functions as expected according to the provided use cases. This involves **creating test cases for each of the [USE CASES](#)**. It also includes the **detection and detailed documentation of any identified bugs**. You have to document all your work in the provided **Test Management and Bug Tracker Template**.

Software Requirements

1. Introduction

1.1. Purpose

The objective of this document is to provide a description of the **Revue Crafters** application (also referred to as **Revue Crafters** or **The App**). It will present an overview of the key functionalities.

1.2. Scope

This document includes high-level descriptions of the **basic functionalities of Revue Crafters**, such as user registration, login, profile editing, revue creation and management. It does not cover any special user (Administrator) functionalities.

2. Overall Description

2.1. System environment

The App hosts two primary actors: **unregistered/non-logged** users and **registered/logged** users. Both can access their respective parts of the application via the internet on the following url:

<https://d24hkho2ozf732.cloudfront.net/>

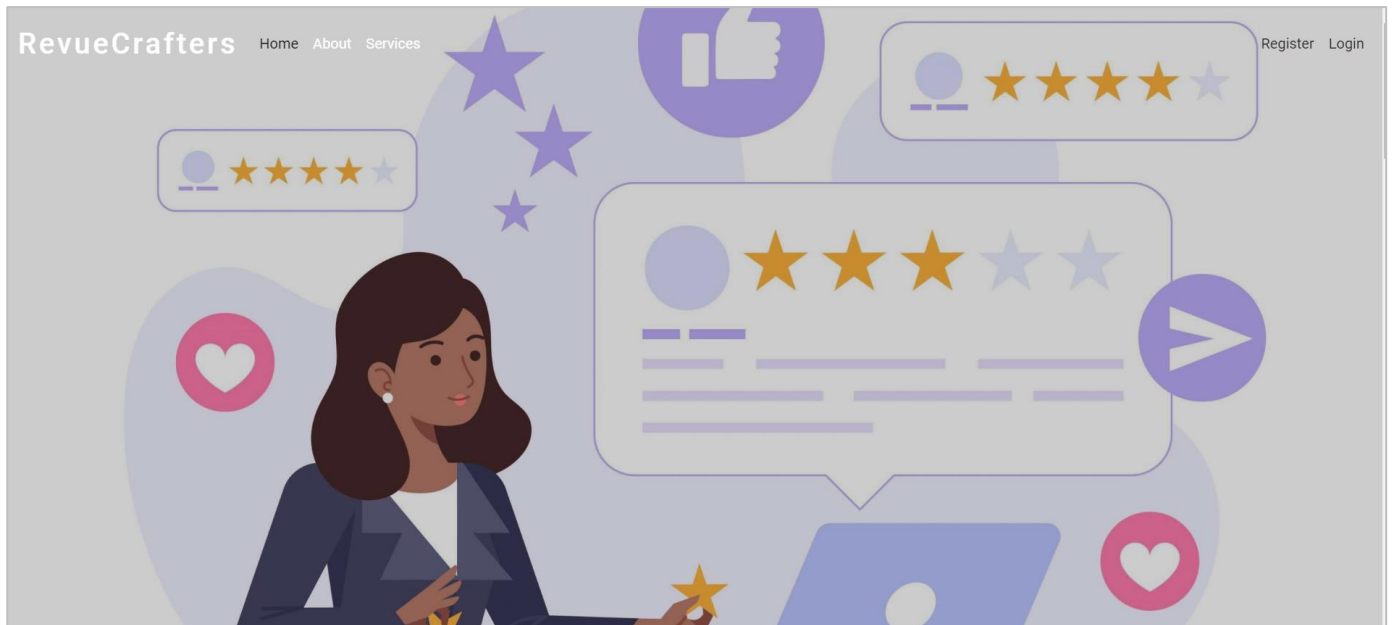
2.2. Key Features

Unregistered/non-logged users have access only to the Home page of The App, with the option to either **REGISTER** or **LOGIN**. On the other hand, **registered/logged** users have access to the **main functionalities**, including **Profile editing**, **Revue creation**, and **Revue management**.

2.2.1. Home Page for unregistered / non-logged users


The **Home Page** is the main gateway into The App. It contains a **navigation bar** (also referred to as **Navbar**) on top, with **Home**, **About** and **Services** buttons on the left and **REGISTER** and **LOGIN** buttons on the right. The Home page of the web application is designed with a scrollable layout. **Each of the buttons on the Navbar**, upon clicking **scrolls** the page to its corresponding section.

Upon loading, users will be presented with an image and below this initial image, the page is divided into sections, each serving a specific purpose.



Below, the initial image the first section is titled: Explore the World of Reviews

This section includes a picture and a short description of what one might expect from the App.



Explore the World of Reviews

Discover a diverse array of product reviews crafted by our community of reviewers. From gadgets to fashion, home appliances to cosmetics, we've got it all covered. Our intuitive categorization and search system make it easy to find reviews on products that matter to you.

Why Choose RevueCrafter?

Authentic Insights: Our reviews are written by real people, for real people. No paid promotions, no biased endorsements – just genuine experiences.


Community Engagement: Connect with like-minded individuals, engage in discussions, and learn from the experiences of others.

Easy-to-Use: Our user-friendly interface ensures a seamless experience, from writing your review to browsing through others.

The second section: There is no limitations!!!


This section features three images, each accompanied by corresponding text, encouraging users to explore their creative potential within the realm of reviews: **Inspiration Unleashed**, **Endless Exploration**, and **Community**. This section can be reached via scrolling or by clicking on **SERVICES** button on the Navbar.

There is no limitations!!!




Inspiration Unleashed

We believe that by embracing a mindset free from limitations, we can encourage others to write the most inspiring revues.



Endless Exploration

Dive into a sea of possibilities, from thought-provoking to groundbreaking revues.



Community of Visionaries

Connect with like-minded individuals who share the belief that limits are meant to be surpassed, and together, let's create a ripple effect of positive revues.

Section three: Join the RevueCrafter Community Today - Just Sign Up for Free

This section prompts users to become part of the RevueCrafter community through a simple sign-up process. The form includes fields for the user's **username**, **email**, **password**, and **repeat password**, along with **SIGN UP** button. The form can be reached via scrolling or by clicking on **REGISTER** button on the Navbar.


Join the RevueCrafter Community Today - Just Sign Up for free

SIGN UP

Section four: About Us

Holding information about the purpose and the idea behind creating the App.

This section can be reached via scrolling or by clicking on **About** button on the Navbar.



About Us

RevueCrafter was founded with a simple yet powerful idea: everyone's opinion deserves to be heard. We're on a mission to create a space where individuals can share their thoughts and reviews without any hidden agendas. We believe that by coming together and sharing our experiences, we can empower each other to make smarter, more informed choices.

Section five: Already Have an Account?

Welcoming returning users, this section features a **LOG IN** button, which leads to the **Log in** page.

Already have an account?

We're thrilled to see you return to RevueCrafters, your platform for crafting and sharing insightful product reviews. Whether you're a seasoned reviewer or just getting started, your voice plays a vital role in shaping our community.

LOG IN

Footer: Copyright Information

The footer of the home page bears the copyright notice: "© 2023 Copyright: RevueCrafters," indicating the ownership and protection of intellectual property.

© 2023 Copyright: RevueCrafters



RevueCrafters part of the text is clickable and it leads to **Terms of Service** page.

These **Terms of Service ("Terms")** govern your access to and use of our services, including but not limited to our website, mobile applications, and any other platform or technology provided by us (collectively referred to as the "Service"). By accessing or using the Service, you agree to be bound by these Terms.

2.2.2. Sign Up Form

The **Sign Up Form** is accessed by scrolling down the Home page or by clicking **REGISTER** button on the Navbar. It contains form fields for entering a **Username**, **Email**, **Password**, and **Repeat password**. The form also includes a **Sign Up button to submit the form**. The acceptable requirements for each field are specified as follows:

Username: A 2-30 character field, accepting all character types.

Email: Requires a valid email, 6-254 characters long.

Password: Any characters are acceptable, with a length of 6-30 characters

Repeat Password: Must match password

Join the RevueCrafter Community Today - Just Sign Up for free

SIGN UP

2.2.3. Log In Page

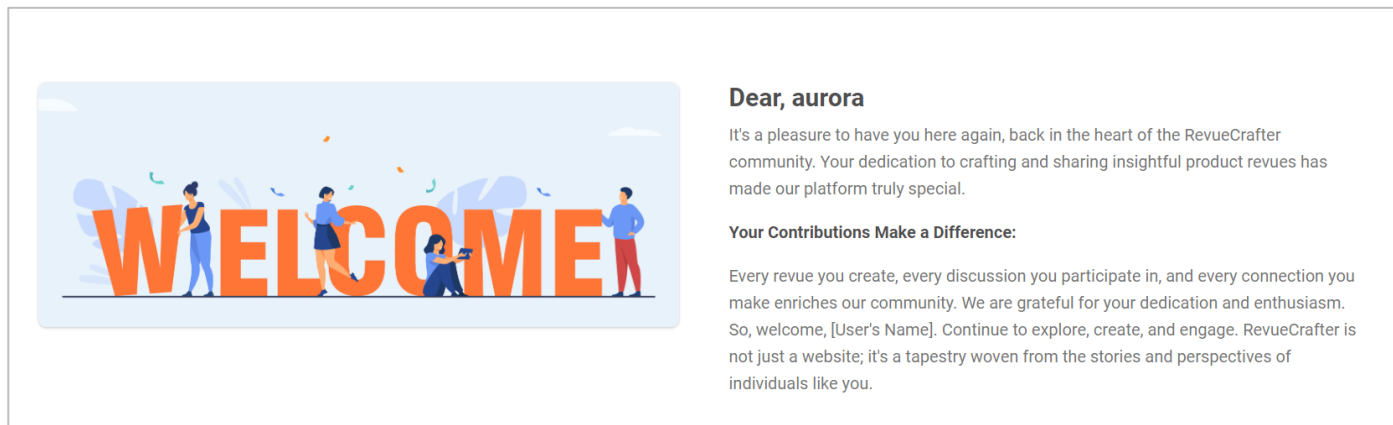
The **Log In page** can be reached **from the Navbar LOGIN button** or by scrolling down the Home page to section five: Already Have an Account? and clicking LOGIN button there.

Already have an account?

LOG IN

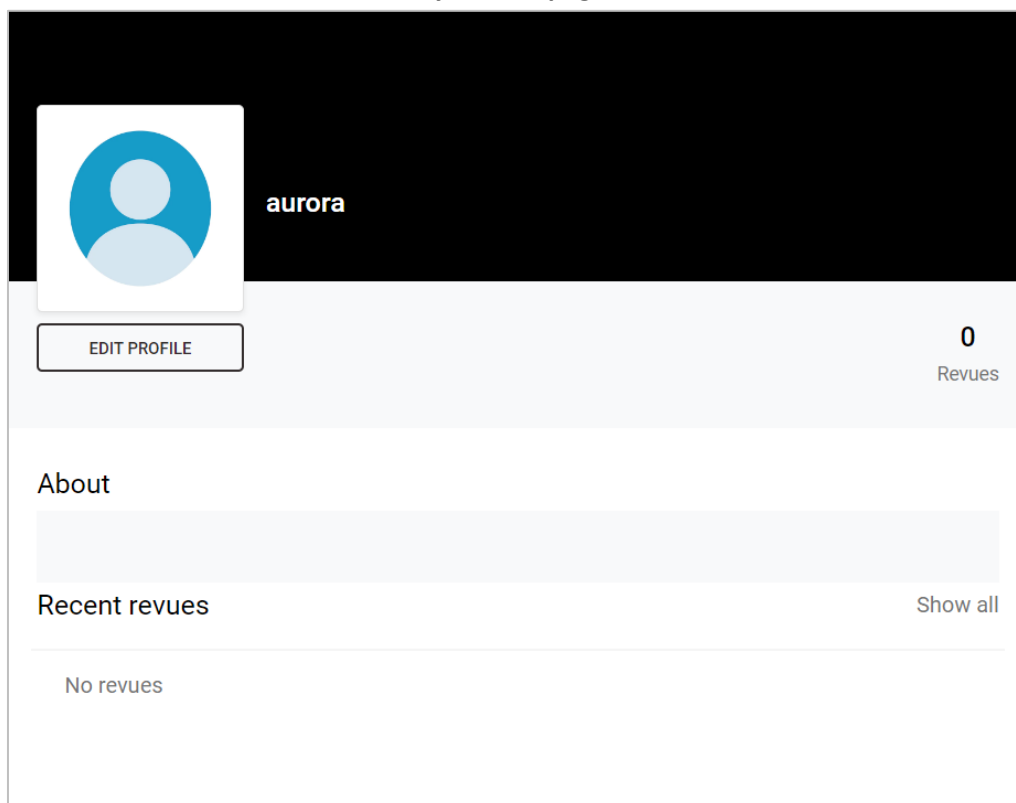
2.2.4. Home Page for logged users

Once a user is **logged in**, they are directed to a different version of the **Home page**. The page includes a **Navbar on top**, with links to **MY REVUES** and **CREATE REVUE** on the left, and **PROFILE** and **LOGOUT buttons** on the right. The page again is scrollable, the initial image is the same and below the image "**Dear, {username} It's a pleasure to have you here again, back in the heart of the RevueCrafter community....** " message is showing.



2.2.5. Profile Page

This page is accessible for logged users **from the Navbar, top-right PROFILE button**. It includes a **default empty profile picture**, an **EDIT PROFILE button**, an **empty About section by default**, and a **counter of the user's revues**, which is initially set to 0. If no revues have been created yet, the **Recent revues section** shows a **No revues** message. There is also a **Show all link** which leads to **My Revues page**.



2.2.6. Edit Profile Info Page

Accessible from **EDIT PROFILE button on Profile page**, this page allows **users to edit their profile information**, including **Profile picture** (picture is not uploaded, but must be a **valid URL of a picture**, for example <http://.....jpg>), **First name** (max 60 characters length), **Last name** (max. 60 characters length), **City** (max. 120 characters length), and a **Describe yourself** section (max. 256 characters length).

Edit profile info

Describe yourself

DONE

Upon clicking on **DONE** button, it redirects to My Profile page, where the newly provided information is visible.

2.2.7. My Revues Page

This page is accessible **from the Navbar** and contains a **Search revues** field and a **SEARCH** button. If no revues have been created yet, a **No revues yet!** message is displayed.

Upon **Creating a revue**, it appears on the **My Revues** page where the user can **VIEW**, **EDIT**, or **DELETE** it.

Q

Black Smoky Eyeshadow Palette

Let me try it first, and then I'll create a revue ...

VIEW

EDIT

DELETE

Posted on: 13/08/2023

Users can **enter keywords from the title of a revue** and **click the Search button** to initiate the search. The search functionality then filters the list of revues based on their titles.

Q

No Revues yet!

2.2.8. Create Revue Page

This page is accessible from the **Create Revue link on the Navbar** and contains the following: **Title** field (max. 70 characters length), **Add a picture** field (picture is not uploaded, but must be a valid URL of a picture, for example <http://.....jpg>), **Describe your revue** field (max. 400 characters length), and **CREATE button**.

Create new revue

H

Describe your revue

CREATE

Upon **creating a Revue**, it redirects to **My Revues page**, where the new **added Revue is present** buttons for **VIEW, EDIT, and DELETE**

2.2.8. Revue Management

Revue Functionalities are **available from the My Revues page**. Each created Revue has its own **VIEW, EDIT and DELETE buttons**.

Search Revues

Black Smoky Eyeshadow Palette

Let me try it first, and then I'll create a revue ...

VIEW

EDIT

DELETE

Posted on: 13/08/2023

Samsung Galaxy Tab A8

Only 3 GB of RAM. Not impressed.

VIEW

EDIT

DELETE

Posted on: 13/08/2023

soundcore by Anker Q20i Wireless Bluetooth Over-Ear Headphones

My husband gave me those, but I don't use it.

VIEW

EDIT

DELETE

Posted on: 13/08/2023

a. VIEW

Available after clicking on **VIEW** button. The user should be able to VIEW the revue and also EDIT and DELETE it, through the small blue buttons on the bottom right.



b. EDIT

Available after clicking on **EDIT** button.

A screenshot of a form titled "Edit the revue". The form contains three main input areas: a "Title" field with the text "test", an "Add Picture" button with a camera icon, and a "Describe your idea" text area with the text "test". To the left of the text area is a pencil icon. At the bottom of the form is a blue button labeled "EDIT".

c. DELETE

After clicking on **DELETE** button, the Revue is deleted and it disappears from My Reviews page.

Functional Requirements

1. Use Case 1 (Home Page)

Users should be able to access The Revue Crafters App from its designated URL via the Internet, which should load the Home page, appropriate to the user's logged-in status (unregistered/non-logged or registered/logged).

2. Use Case 2 (User Registration)

Unregistered users should be able to successfully go through the Sign Up process. This involves the utilization of fields such as Username, Email, Password and Repeat Password, all subject to their respective constraints and character type acceptance.

3. Use Case 3 (User Login)

Registered users should be able to successfully go through the Log In process. They should be able to log in using Email and Password.

4. Use Case 4 (Profile Management)

Upon successful Log In, logged users should be able to navigate to their Profile page, edit their profile details, and view their Revues count. This involves the changing of profile picture inserted via URL, and editing of user data fields including First Name, Last Name, City and About me sections.

5. Use Case 5 (Revue Creation)

Logged users should be able to navigate to the Create Revue page, where they can create a new Revue with a Title, Picture (URL), and a Description. After the Revue creation process, users should be redirected to My Revues page, where the newly created Spoiler should be present.

6. Use Case 6 (Revue Management)

On My Revues page, logged users should see all their revues listed. Each revue should have options for View, Edit, and Delete. If no spoilers have been created yet, a "No revues Yet!" message should be displayed. Users also should have the option to search for revues, based on revue's title.

Revue Web App Tasks

1. Test Cases

You need to write **test cases for each of the 6 Use cases**.

Each Use case should have at **least 2 Test Cases**.

You should write **at least 15 test cases**.

2. Bug Reports

You should find and describe at least **5 bugs**.

2 of the bugs should have **high priority OR blocking/critical severity**.

3. Template

Use the provided **Test-Management-and-Bug-Tracking-Template.xlsx** to document your work.

Part II – Revue Crafters API

This section provides information about the **Revue Crafters API endpoints** and their functionalities. It serves as a guide to understand how to interact with the Revue Crafters API. This is the base URL:

<https://d2925tksfvgg8c.cloudfront.net>

The following endpoints are supported:

1. User

POST /api/User/Create – create a new user: post a JSON object in the request body, e.g.
{ "userName": "string", "email": "user@example.com", "password": "string",
"rePassword": "string", "acceptedAgreement": true }

- **POST /api/User/Authentication**: log in an existing user (post a JSON object in the request body, e.g.
{ "email": "user@example.com", "password": "string"})

Access Token

- When a user logs in, the response format is JSON object, e.g.
{ "email": "user@example.com", "password": "string", "accessToken":
"eyJhbGciOiJ..." }

NB! Access token is needed for all spoiler requests. It should be placed under the Authorization tab, Bearer Token option.

2. Revue

All of the following requests require Authorization.

- **GET /api/Revue/All** – list all revues (empty request body)
- **POST /api/Revue/Create** – create a new spoiler: post a JSON object in the request body, e.g.
{ "title": "string", "url": "", "description": "string" }
- **PUT /api/Revue/Edit** – replace the existing spoiler with the new one: post a JSON object in the request body, e.g. { "title": "string", "url": " ", "description": "string" };

Requires **queryParameter**: ?revueId={revueId}

HINT:

PUT

https://d2925tksfvgg8c.cloudfront.net/api/Revue/Edit?revueId=f774cadcd-15b5-4d51-2c53-08db9a3f29e2

- **DELETE /api/Revue/Delete** – delete existing revue;

Requires **queryParameter**: ?revueId={revueId}

HINT:

DELETE

https://d2925tksfvgg8c.cloudfront.net/api/Revue/Delete?revueId=f774cadcd-15b5-4d51-2c53-08db9a3f29e2

Review Crafters API Tasks: Postman Requests

Your task is to write **API requests** with Postman for certain RESTful API endpoints.

You should organize your requests in a collection.

1. Log in to the API

Send a **POST request with your email and password**, that you previously created from the Review Crafters Web App. If properly executed, you will receive your access token as a part of the response body. Use it as a Bearer Token in the Authorization section for the next requests.

2. Create a new revue

Send a **POST request with the attributes needed for creating a new review**

Keep in mind that the full attributes in the JSON body are as follows:

```
{ "title": "string", "http://...jpg ", "description": "string" }
```

URL attribute is not mandatory, meaning that you can create a revue only with title and description. If you decide to use the url attribute, notice, that it has to point to a picture format or it can be left blank.

3. List all revues

Send a **GET request to receive a list of all created revues**.

This request will return all revues created through your profile. So, if you created any revues via the Web App, they also will be listed. In the list of revues, find the revue that you just created. You will **need its id** for the next request.

4. Change the title of the revue you created

Send a **PUT request with the attributes needed to replace the revue you created in 2. Create a new revue task**.

5. Delete Revue

Send a **DELETE request with the attributes needed for deleting the revue you just edited**.

How to submit your work

1. Create a .zip or .rar archive containing the following:

- Test-Management-and-Bug-Tracker.xlsx file with your work;
- JSON file containing your collection of requests, created via Postman.

2. Upload your archive on the SoftUni website, into Retake Exam section.

Note: It's the same as uploading your homework.