Exam - Software Development - Testing

Subject Under Test - Munchora

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Description of Munchora

Munchora is a web-based B2C application where users can manage recipes, they can plan their meals and organize grocery lists. It is built with a React based frontend using ReactRouterv7 framework, backend is a Rest API built upon Ruby on Rails web framework. Munchora is integrated with AI using OpenAI API for Generative AI services to enable users to generate recipes with AI.

Testing Activities

- Review Report – Software Requirements Specification Munchora
- Risk Assessment
- Black-box test design
- Static Testing Tools and White-box test design
    - Rubocop, Brakeman, Sonarqube
    - Test and coverage – Rspec with SimpleCov
- Unit testing and Integration testing
    - RSpec
- CI Pipeline
    - Github Actions
- API Testing
    - Postman
- E-2-E Testing
    - Cypress
- Stress Performance Testing
    - Apache Jmeter
- Usability Testing