

Requirements

Version 1.1

Functional requirements:

- The game shall support single player and multiplayer options.
- The game shall support online multiplayer via lobbies and invitation codes.
- The game shall support adjustments such as configuring game grid size
- The game shall support information retrieval and/or data processing to view information regarding fruits and/or vegetables.
- The donation system shall support several payment options such as credit/debit cards, PayPal, and Apple Pay.
- The donation system shall have support to handle processing for multiple charity organizations.
- The web application shall support an interface for administrators to update site contents for integrating changes.
- The web application shall support an anti-spamming service to prevent bots from overloading pages with requests.
- The web application shall support the inclusion of advertisements on all pages.

Non-functional requirements:

- The system must support several device form factors such as tablets, desktop computers, and smartphones.
- The system shall provide a secure, encrypted connection for all pages on the site.
- The system shall have all software up-to-date for reliability, performance, and security.
- The system shall be able to handle at least 4 different concurrent game sessions.
- The system shall be able to provide isolated interfaces for users and administrators.
- The system shall provide a simple interface for users and administrators alike.