

DFD specification Document

Become Pac-Man

version: 1

Group F8

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February 22, 2023

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1 High-Level Context Diagram

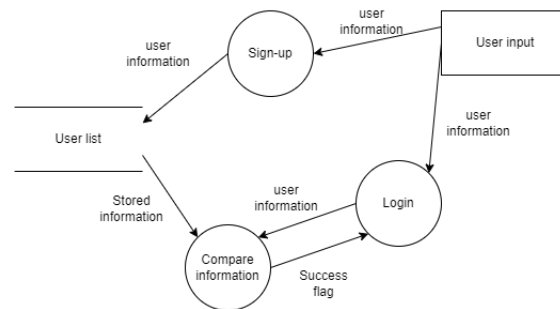
2 Feature Diagrams

2.1 Login Sign-up Function

2.1.1 Description

The Sign-up function is to create a new datafile for new users of the game, while the Login function is to identify who is accessing the application and provide security check for the user datafile.

2.1.2 DFD

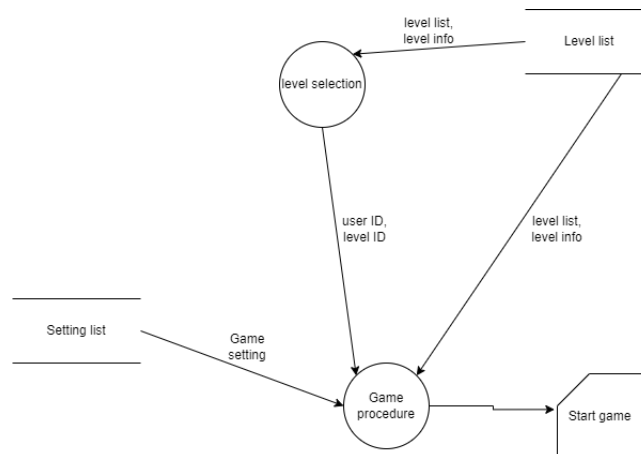


2.2 Game procedure with level selection

2.2.1 Description

The game procedure is to integrate the gameplay from level selection and game setting for each user.

2.2.2 DFD

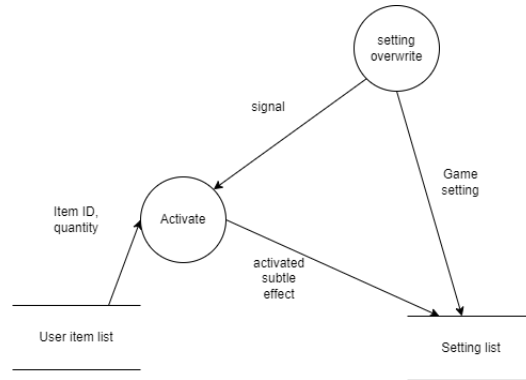


2.3 Setting

2.3.1 Description

The setting overwrite function is to manage the in-game experience for users.

2.3.2 DFD

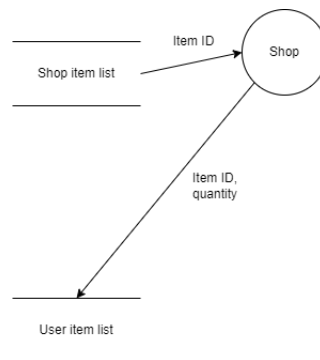


2.4 Shop

2.4.1 Description

The shop function is to manage items of a user.

2.4.2 DFD

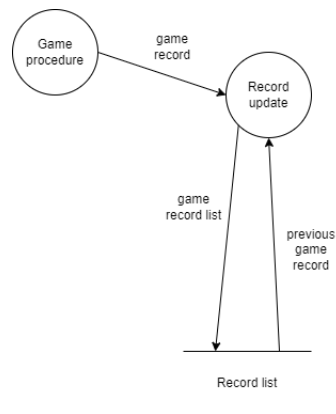


2.5 Record updater

2.5.1 Description

The record update function is to update the game record to the database after each game-play.

2.5.2 DFD



2.6 Show record

2.6.1 Description

The show record function is to display statistics of users and the whole game.

2.6.2 DFD

