Use Case: Simulation Program for Smart Fridge and Sudoku Solver

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1 Purpose

This document provides the use case with an UML diagram describing the use case.

2 Use Case

The use case for the simulation software is given in a set of points as given below:

- User starts Simulation Software.

- User chooses operation mode (Sudoku vs SmartFridge).

  - Based on the choice, users can also make appropriate parameter choices if he is part of User Level 1. User Level 1 includes developers from Sudoku and SmartFridge team who can tune the parameters for the simulation. For other users this choice of parameters is not available.

- Based on the choice from the previous step, the simulation program generates a set of images based on the parameter choices if mentioned or else with default parameter choices based on the inputs from the internal developers of the simulation program.

- Users can decide to select or reject the images and close the software.

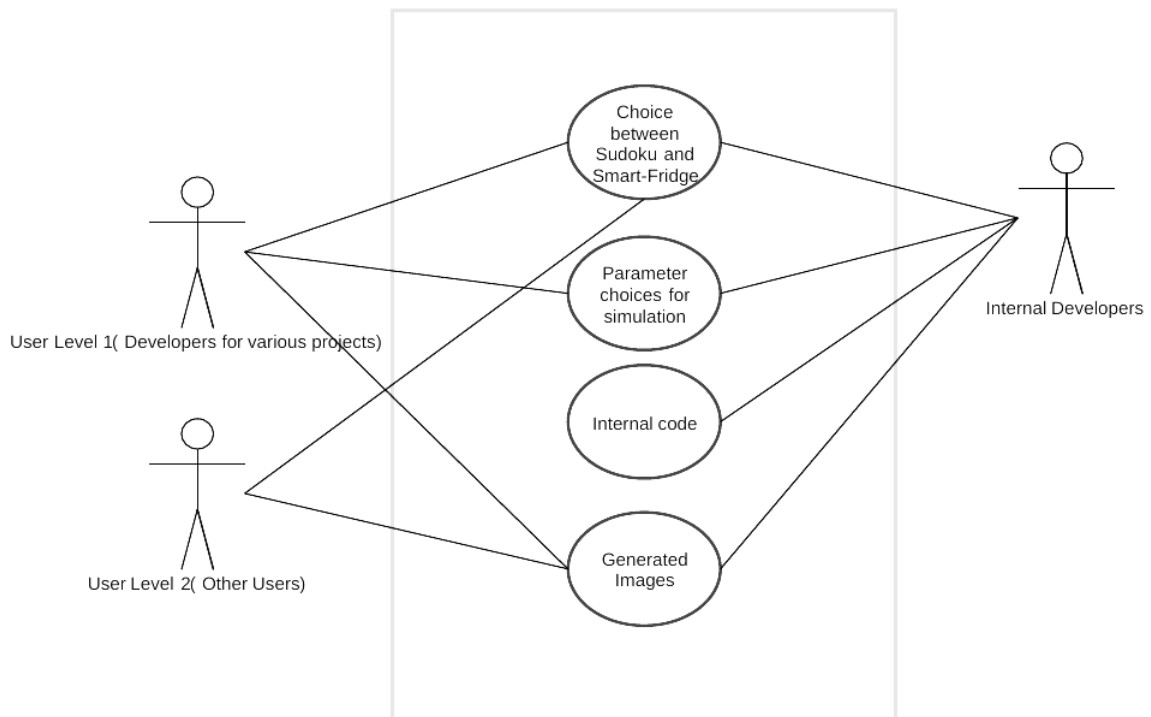- The internal code is accessible only to the developers of the simulation program.

Figure 1: Use Case UML diagram