
MaroonPrint

Use Case Model

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Unique Reference:

The documents are stored in <https://maroonprint.tumblr.com/project-deliverables> referenced with Group 3-MaroonPrint-Use Case Model.

Document Purpose:

This document is provided to show the use-case model of the application “MaroonPrint” and the details about it.

Target Audience:

University of the Philippines Diliman engineering students, faculty, and other personnel and also people who are assigned in maintaining the fire exits.

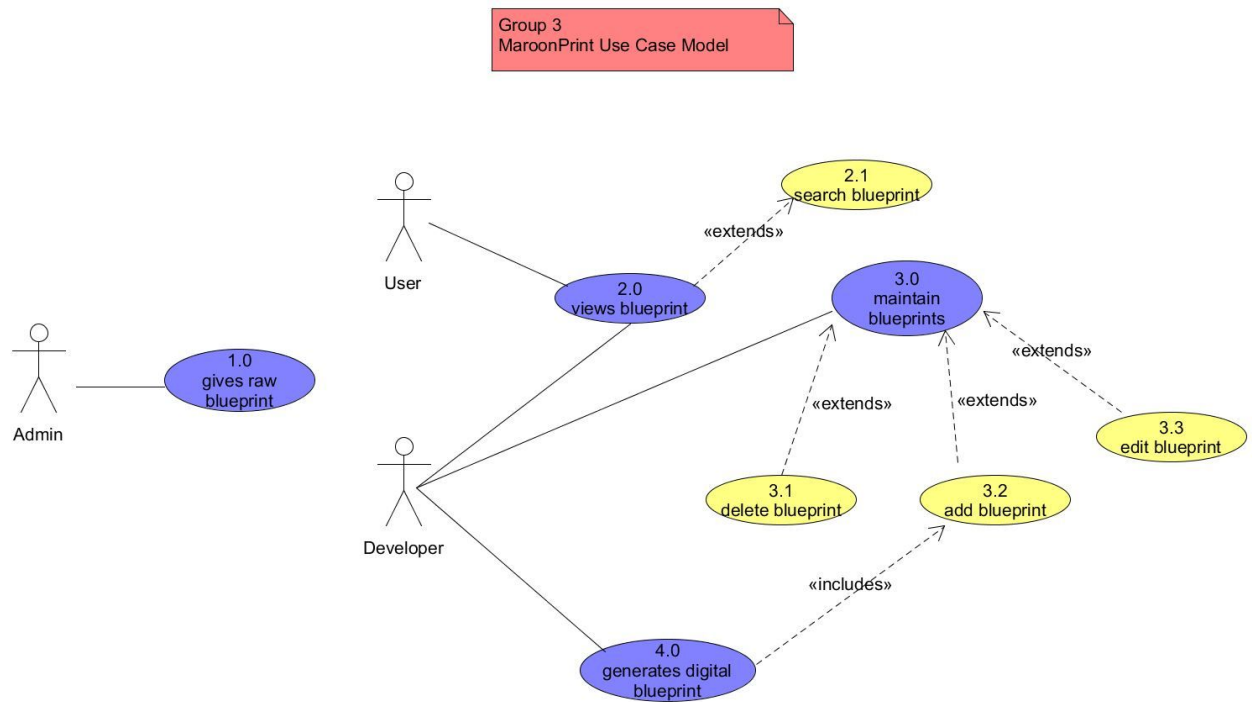
Revision Control:

<i>Revision Date</i>	<i>Person Responsible</i>	<i>Version Number</i>	<i>Contribution and Modification</i>
09/12/2018	Hannah Mae Magno	1.0	Created initial document and added Use-Case diagram
09/12/2018	Kristine-Clair Lee	1.1	Edited formatting, list of actors, and list of use-cases
09/12/2018	Jeremy Jin Qian Wu	1.2	Added the description of the use-case diagram, document purpose and target audience. and edited format

System Name: MaroonPrint Blueprints Maintenance System

Description: The use-case diagram shows the Admin gives the raw blueprints for the Developer to generate new digital blueprints for the system. The Developer also maintains the already generated blueprints in the system by editing the blueprint, adding more blueprints, or deleting them when the blueprint is not needed or obsolete. Both the user and the developer can view the blueprint and can also search for a specific part of the blueprint if needed.

Use-Case Diagram:



List of Actors:

<i>Actors</i>	<i>Description</i>
Admin	Provides the raw blueprints for the system.
User	Views the blueprints, viewing includes searching for specific blueprints.
Developer	Generates the digital version of the blueprints and maintains the blueprints, maintenance includes adding blueprints, editing blueprints (and information), and removing blueprints from the system.

List of Use-cases:

<i>Use-Case</i>	<i>Description</i>
Use-Case 1.0 Gives Raw Blueprint	Raw version of the blueprints to be used by the system is to be given by the Admin.
Use-Case 2.0 Views Blueprint	The user has the capability to view the blueprints inside the database of the system. By viewing, the user can see the parts of the building shown through the blueprints. Also, a brief description about the building will also be viewable to the user.
Use-Case 2.1 Search Blueprint	A sub-functionality of the View functionality of the system is Search. This Search Blueprint functionality allows the users to search for specific blueprints or buildings they want to see, also to search for specific parts of the building that the user want to see.
Use-Case 3.0 Maintain Blueprints	This functionality refers to the maintenance of the system, specifically of the blueprints embedded into the system.
Use-Case 3.1 Delete Blueprints	Blueprints added into the system or database can be deleted if the blueprint is already obsolete and/or not needed anymore.
Use-Case 3.2 Add Blueprints	New blueprints can be added to the system or database to keep the system updated.
Use-Case 3.3 Edit Blueprints	Blueprints that needs some minor editing can be edited by the developer in order to keep the blueprint updated and the system updated.
Use-Case 4.0 Generates Digital Blueprints	Raw blueprints provided by the Admin cannot be directly added to the system, therefore there is a need for the generation of the digital version of the blueprint. The digital blueprints will be the ones added to the system for the maintenance of the whole system.