Digital Pink Card
Use Case Specification

Submitted to:

Asst. Prof. Ma. Rowena C. Solamo
Faculty Member
Department of Computer Science
College of Engineering
University of the Philippines, Diliman

Submitted by:
Cai, Jann Willem B.
Daroya, Carlos Adrian A.
Ocampo, Pauline L.

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Unique Reference:

The documents are stored in the [https://github.com/cadaroya/forgee/tree/master/02-Requirements%20Engineering].

Unique File Reference: https://github.com/cadaroya/forgee/blob/master/02-Requirements%20Engineering/3.0%20-%20Time%20Out.pdf

Document Purpose:

The purpose of this document is to expound on the use case 3.0 Time out and identify all the possible scenarios that might happen when the use case is executed.

Target Audience:

[Place here the target audience.]

Revision Control

History Revision:

Revision Date	Person Responsible	Version Number	Modification
10/09/17	Carlos Adrian A. Daroya	1.0	Initial document

Use-Case Name: 3.0. Time Out

Description: Upon time out, the student's session from the time in instance ends. This prompts the system to generate a report detailing how much hours were consumed/used and how much the user was charged. Time out is done by rescanning the ID with the barcode scanner.
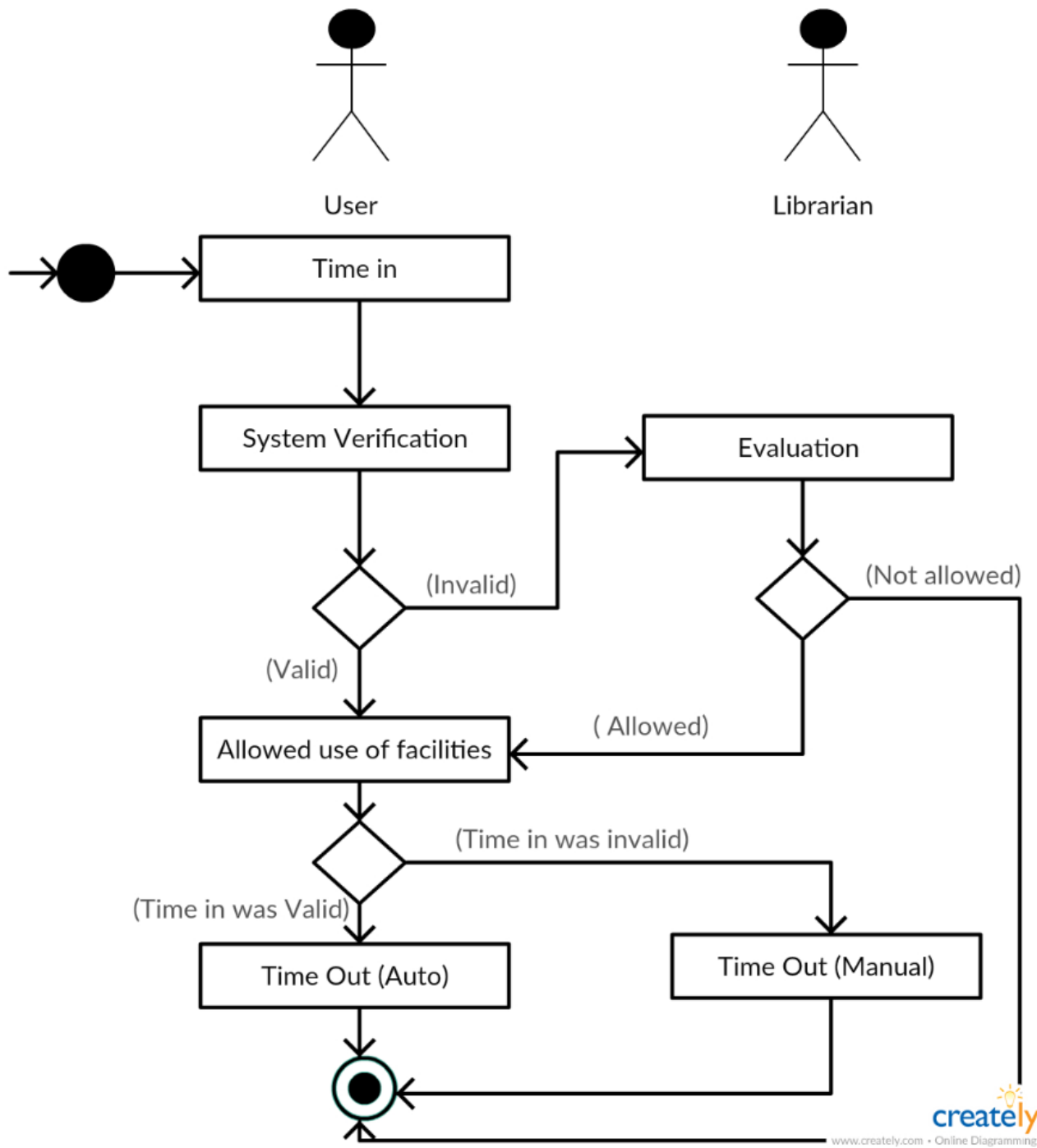
Preconditions: For the time out functionality to trigger, the following must have already occurred:
- Time in – time out is always paired with a time in

Flow of Events:

Scenario Name	Description
Scenario 1 (Basic Flow) User information is valid so the user is allowed to use facilities and time out normally	1. The user times in to begin session 2. The system verifies validity of information 3. If the time in information was valid, allow use of facilities 4. The user times out to end session
Scenario 2 (Invalid initial information) Invalid initial information causes time out to be done with librarian's help	1. The user times in to begin session 2. The system verifies validity of information 3. If time in information was invalid, librarian will evaluate first 4. Allow use of facilities 5. Time out will be done with the aid of the librarian

Activity Diagram of the Flow of Events:

User

Librarian

Time in

System Verification

Evaluation

(Invalid)

(Not allowed)

(Valid)

(Allowed)

Allowed use of facilities

(Time in was invalid)

(Time in was Valid)

Time Out (Auto)

Time Out (Manual)

Postcondition: NONE

Relationships: Only if the user timed out successfully can he or she time in again for future sessions.

Special Requirements: NONE