Digital Pink Card
Use Case Specification

Submitted to:

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Unique Reference:

The documents are stored in the Github Repository: https://github.com/cadaroya/forgee.

Unique File Reference: https://github.com/cadaroya/forgee/blob/master/02-Requirements%20Engineering/2.0%20-%20Time%20in.pdf

Document Purpose:

The purpose of this document is to describe the preconditions, postconditions, relationships, special requirements, and flow of events associated with Use Case 2.0 Time in.

Target Audience:

The target audience is those who want to know the specific conditions and events associated with Use Case 2.0 Time in.

Revision Control

History Revision:

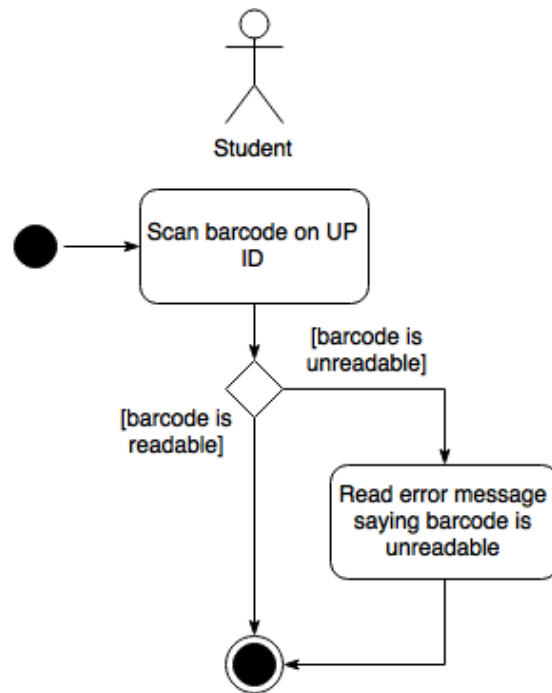| Revision Date	Person Responsible	Version Number	Modification
10/10/17	Pauline Ocampo	1.0	Initial Document
10/11/17	Pauline Ocampo	1.1	Added unique file reference, corrected year on version 1.0 revision date

Use-Case Name: 2.0 Time in

Description: The student times in by scanning the barcode on his UP ID. The system checks whether the scanned barcode is a valid student number. If it is, the system records the time-in of the student. Otherwise, an error message is displayed.

Preconditions: The student must be a validly enrolled student of UP.
The student must have a UP ID.
The student must not be currently timed in.

Flow of Events:

Scenario Name	Description
Scenario 1 (Basic Flow) The student has a UP ID with a readable barcode.	1. The student times in by scanning the barcode on his UP ID.
Scenario 2 The student has a UP ID, but the barcode is not readable.	1. The student scans the barcode on his UP ID. 2. The student reads an error message informing him that the barcode is unreadable.

Activity Diagram of the Flow of Events:

Student

Scan barcode on UP ID

[barcode is unreadable]

[barcode is readable]

Read error message saying barcode is unreadable

Postcondition: The student has had his time-in time recorded, and is currently timed in.

Relationships: NONE.

Special Requirements:

NONE.