the FIRMA / Turku University of Applied Sciences

Functional specification

Tag system for hours tracking with a UI

the FIRMA

TURKU AMK
TURKU UNIVERSITY OF
APPLIED SCIENCES

Ikhlas Jenfi
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SPECIFICATION DOCUMENT

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1. Introduction

In theFIRMA, all interns and students mark their hours done weekly in an excel sheet. Which in this case, supervisors in the firm can't really check if those students/interns are being honest about their hours.

While thinking for an idea for my Bachelor's thesis, I came out with the idea of having an NFC system that counts the total hours for interns and students in theFIRMA.

This will be a tag in and out system that count automatically the hours done per day for each intern/student, and the sum of those hours will be calculated automatically in database and saved in a table.

2. Users and the environment

This system is targeted the students/interns working in theFIRMA. Only the system admin of theFIRMA has access to the system and can make changement in database.
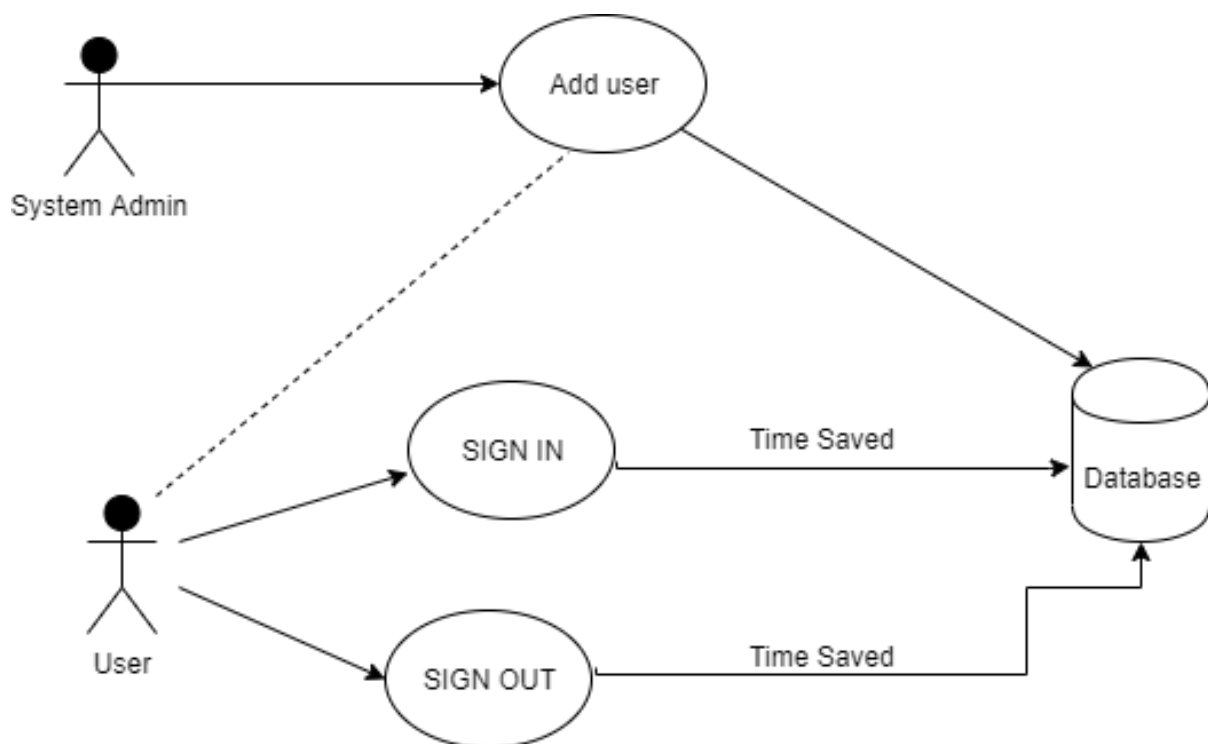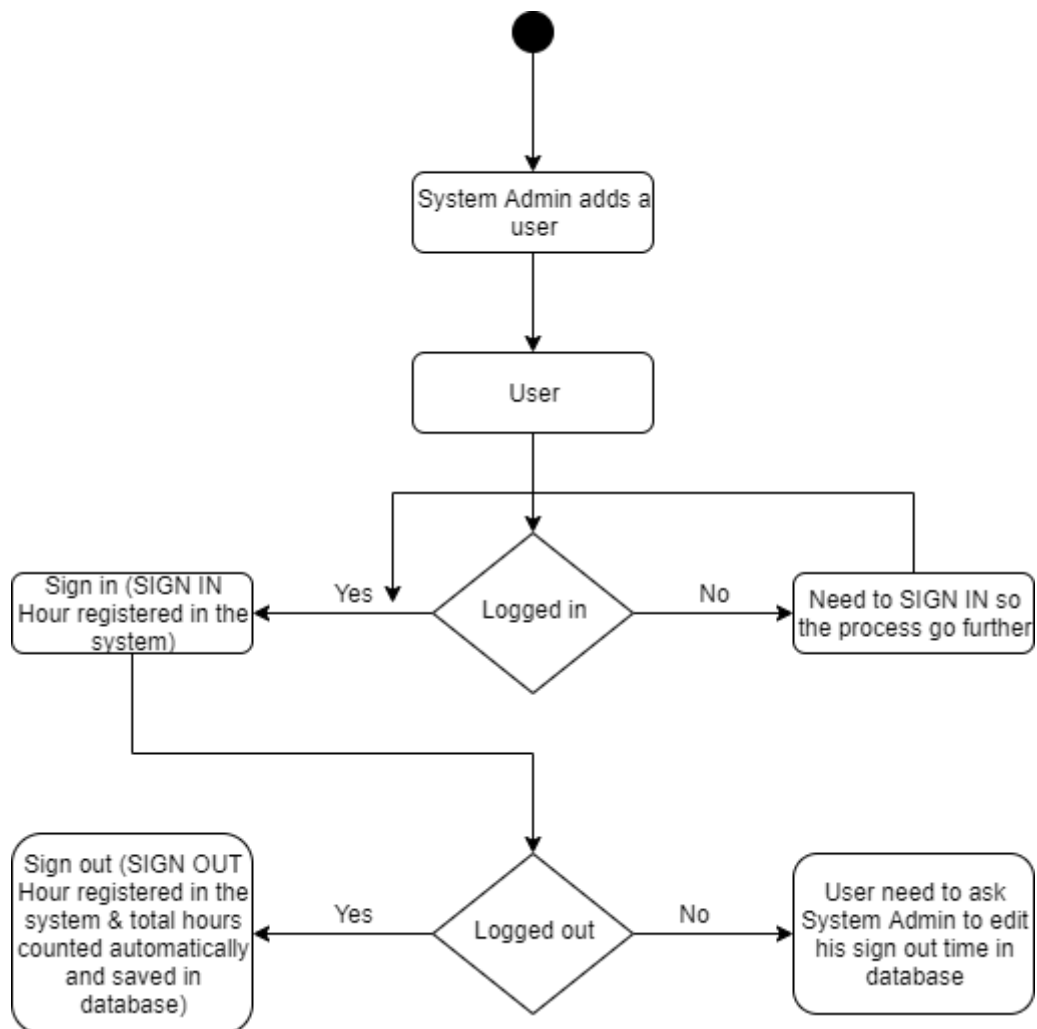
3. Use cases

Table for UI (System Admin responsibility):

Input	Name	Required	Content
Number	student/intern ID	yes	<integer>
Number	Tag ID	yes	<integer>
Textbox	First Name	yes	<Text>
Textbox	Last Name	yes	<Text>

4. Other

Use/Misuse case diagram:

State Diagram: