

Description

The product we are making, strives to achieve an efficient solution to the parking issues Sioux Technologies has been having. There will be an application for the secretary to enter visitor data. With the entered data the camera in the parking lot will scan license plates and message the visitors on where they can park.

User Stories

User Story 1

Epic: Visitors get a message when they arrive. Priority: Must Estimation: 80x

As a **visitor**,
I want the camera to scan the plate,
So that the system can send me an sms.

Acceptance criteria 1:

Given that i am a visitor,
When I arrive at the premises,
Then I park at the main parking lot.

Acceptance criteria 2:

Given that i am a visitor,
When I arrive at the premises,
Then I get a message to go to the big parking area if there are no parking spots in the main area.

User Story 2

Epic: Secretary adds a visitor to the system. Priority: Must Estimation: 40x

As a **secretary**,

I want to add a visitor to the system,

So that the camera scanning for license plates can detect registered visitors that have arrived.

Acceptance criteria 1:

Given that i am a secretary,

When I add a visitor,

Then the system can scan for that visitor.

User story 3

Epic: Secretary edits a visitor within the system. Priority: Must
Estimation:40x

As a **Secretary**,

I want to edit a visitor within the system,

So if there is some error or missing information about the visitor, I could correct the information about the visitor before the visitor comes to the main entrance.

Acceptance criteria 1:

Given that I am a secretary,

When there some missing information about the visitor,

I could fill in the missing information of the visitor to the system.

User story 4

Epic: Secretary removes a visitor within the system. Priority: Must
Estimation:40x

As a **Secretary**,

I want to remove a visitor within system,
So that this visitor's license plate will no longer be in the system.

Acceptance criteria 1:
Given that I am a secretary,
When visitor wants to adjust or cancel visiting schedule,
I could delete the license plate for this visitor.

User story 5

Epic: Secretary wants to log in to the system. Priority: Must
Estimation: 20x

As a **secretary**,
I want to log in to the system,
So that the application security is ensured

Acceptance Criteria 1:
Given that I'm a secretary,
When I want to add a user i have to log in
So that no one else can add wrong information

User story 6

Epic: Customer leaves the parking lot. Priority: Must , Estimation: 40x

As a visitor.
I want to leave the parking lot,
When i leave, the camera will scan my plate
So that my visit is marked as finished
Acceptance Criteria 1:

Given that I'm a visitor,
When I leave the parking lot, my visit will get marked as finished
So that the system can manage the parking space count

Product backlog for Team Certiorem Project

| Task ID | Story | Estimate | Priority |
|---------|---|----------|----------|
| 1 | As a visitor , I want the camera to scan the plate, So that the system can send me an sms. | 80x | Must |
| 2 | As a secretary , I want to add a visitor to the system, So that the camera scanning for license plates can detect registered visitors that have arrived. | 40x | Must |
| 3 | As a Secretary , I want to remove a visitor within system, So that this visitor's license plate will no longer be in the system. | 40x | Must |
| 4 | As a Secretary , I want to edit a visitor within the system, So if there is some error or missing information about the visitor, I could correct the information about the visitor before the visitor comes to the main entrance. | 40x | Should |
| 5 | As a secretary , | 20x | Must |

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|---|--|-----|------|
| | I want to log in to the system, so no one can log in to this system with my account. | | |
| 6 | As a visitor , I want to leave the parking lot, When i leave, the camera will scan my plate So that my visit is marked as finished | 40x | Must |

Sprint Backlog

- Make research document on different Scrum Boards
- Work on Product and Sprint backlog
- Work on Project Plan
- Create BPMN diagram
- Create wireframe for secretary's application
- Prototype for secretary's application
- Create MySQL database