# Requirements Document

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## Goals and Context

Our goal is to create inventory management system that provides the office supplies for the employee in the company. Currently many employee can’t get their office supplies to support their work. Their office supplies request often being rejected due unavailability of asset. Because, there is still no such a real-time system or application that shows and track the actual asset which are available and unavailable in their company. By combining all types of transactions ranging from requesting assets to providing assets to employees, it will certainly provide an accurate information system related to the availability of assets to meet employee needs to support their work

## User Personas

The following are the three key user personas that will use the OASIS – Inventory Management website.

### Admin

|  |  |
| --- | --- |
| User Type | Internal |
| Occupation | IT Staff / Inventory Staff |
| Objective | They wants to be able to quickly handover the asset that the employee want and keep the track about each transaction. |

### Superior

|  |  |
| --- | --- |
| User Type | Internal |
| Occupation | Manager / Team Leader |
| Objective | They wants to be able to help Admin in providing the asset that their employee want by accepting/rejecting the employee request. They also want to be able to request and receive asset for themselves |

### Employee

|  |  |
| --- | --- |
| User Type | Internal |
| Occupation | Staff |
| Objective | They also want to be able to request and receive asset for themselves |

## User Stories

### Admin

As a Admin, I want to be able to reject or accept asset request from superior

As a Admin, I want to be able to see the newest asset request

As a Admin, I want to be able to add, view, update and delete asset data

As a Admin, I want to be able to add, view, update and delete employee data

As a Admin, I can print the asset detail

As a Admin, I can assign superior to employee

As a Admin, I can handover asset and change request asset status

### Website Superior

As a Superior, I want to be able to reject or accept asset request from employee

As a Superior, I want to be able to see the newest asset request

As a Superior, I want to be able to view asset data and asset data details

As a Superior, I want to be able to view employee details

As a Superior, I want to be able to make and cancel asset request

As a Superior, I want to be able to check the progress of my asset request

### Employee

As a Employee, I want to be able to view asset data and asset data details

As a Employee, I want to be able to make and cancel asset request

As a Employee, I want to be able to check the progress of my asset request

## 

## Sitemap

Employee

My Request

Dashboard

Other Request

Handover Request

## 

Login

Asset

Request

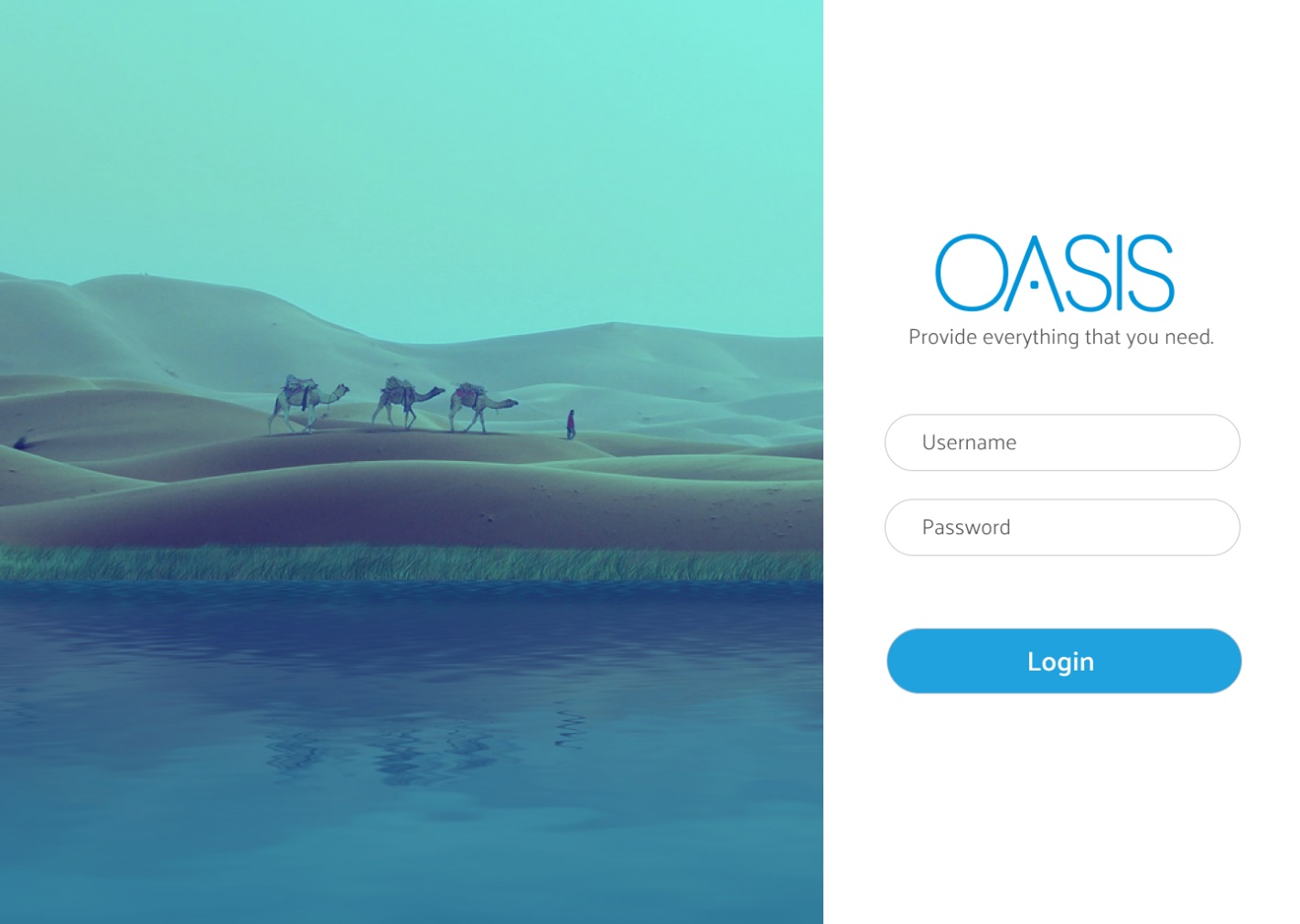
## Page Descriptions

|  |  |
| --- | --- |
| Page | Items |
| Login | Login Form |
| Dashboard | 1. Recent Status 2. Request Asset Update |
| Employee | Employee List |
| Asset | Asset List |
| Request | 1. Asset Request 2. Handover Request 3. Asset Request Update |

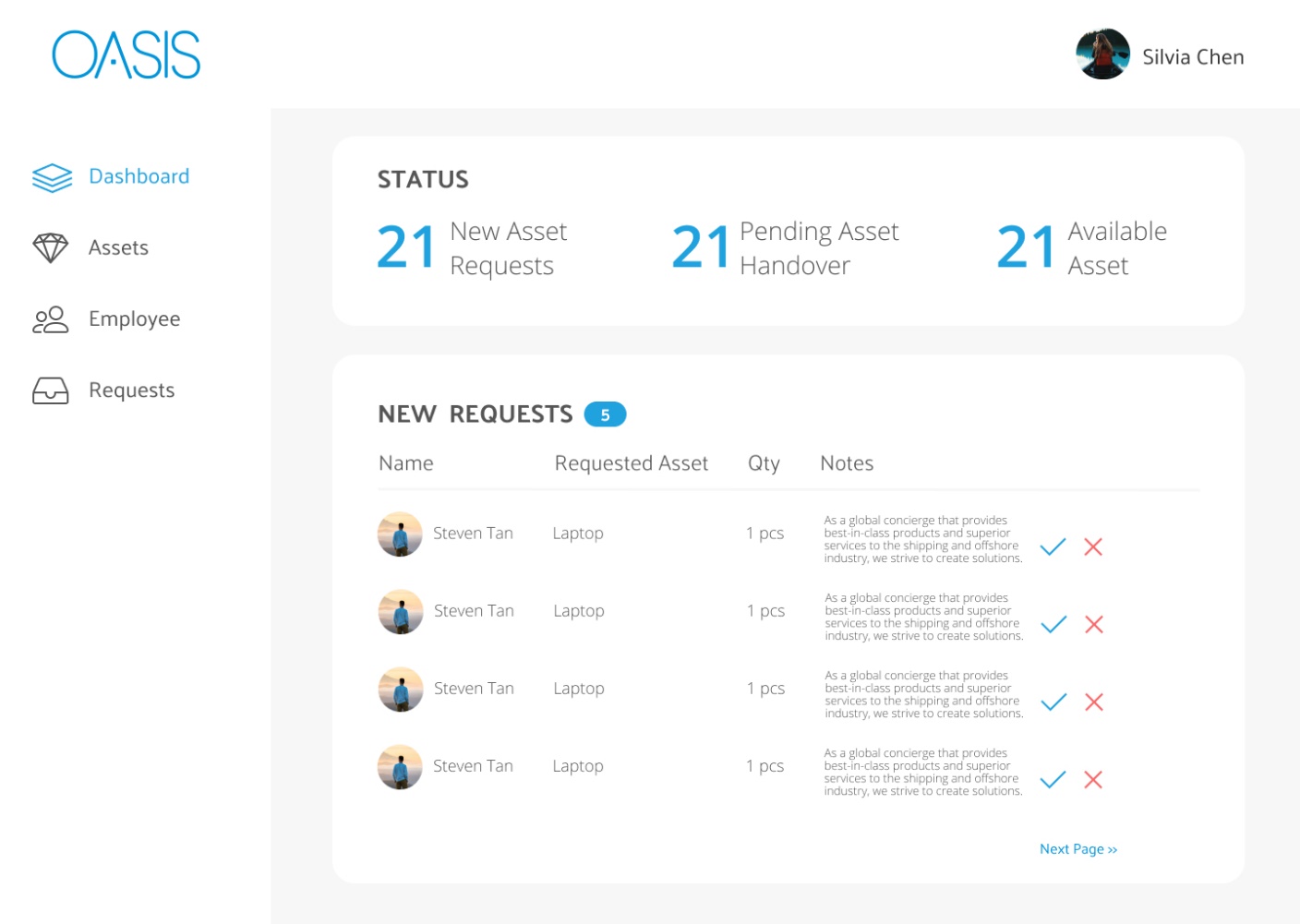
## 

## Mockup

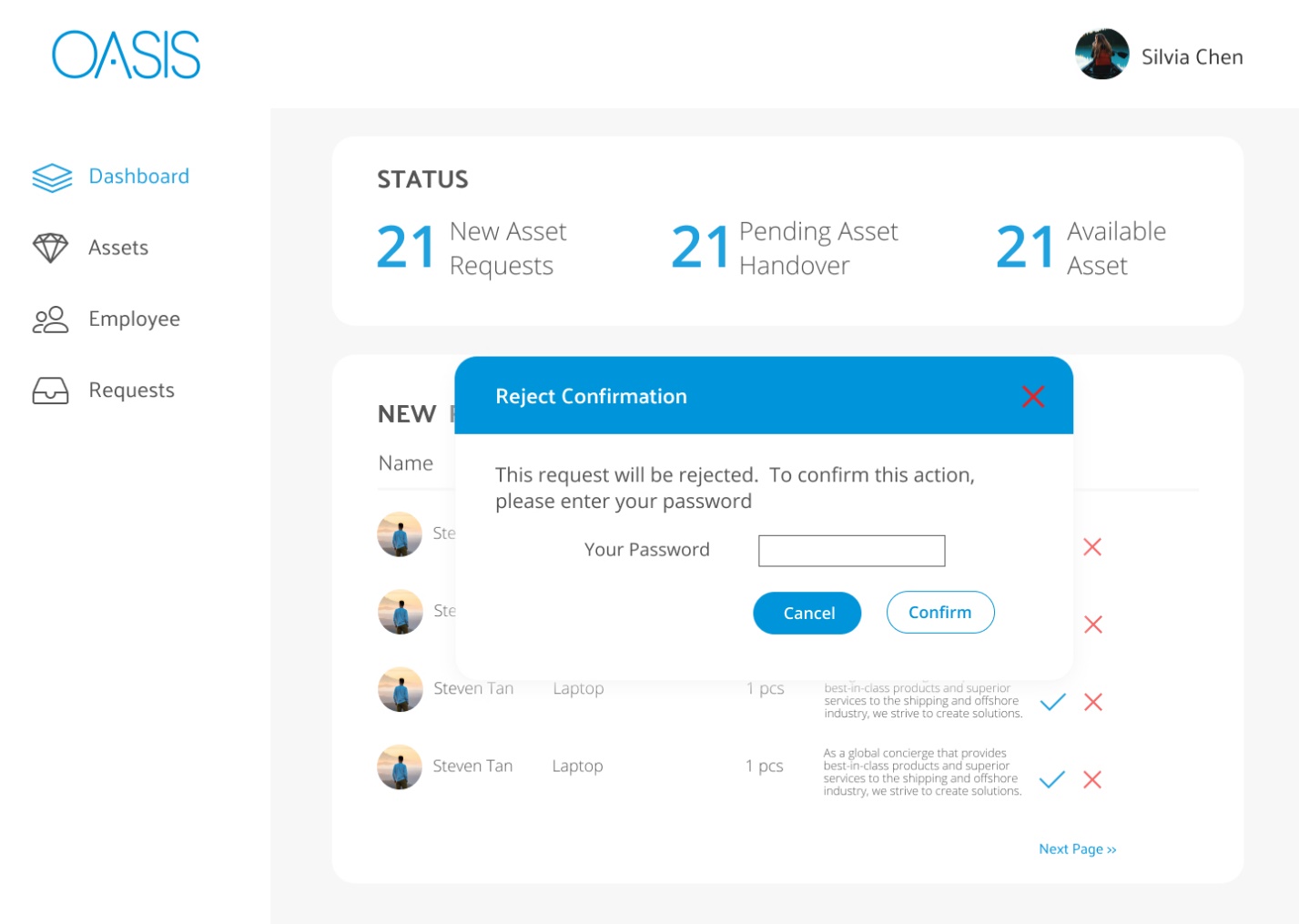
Login



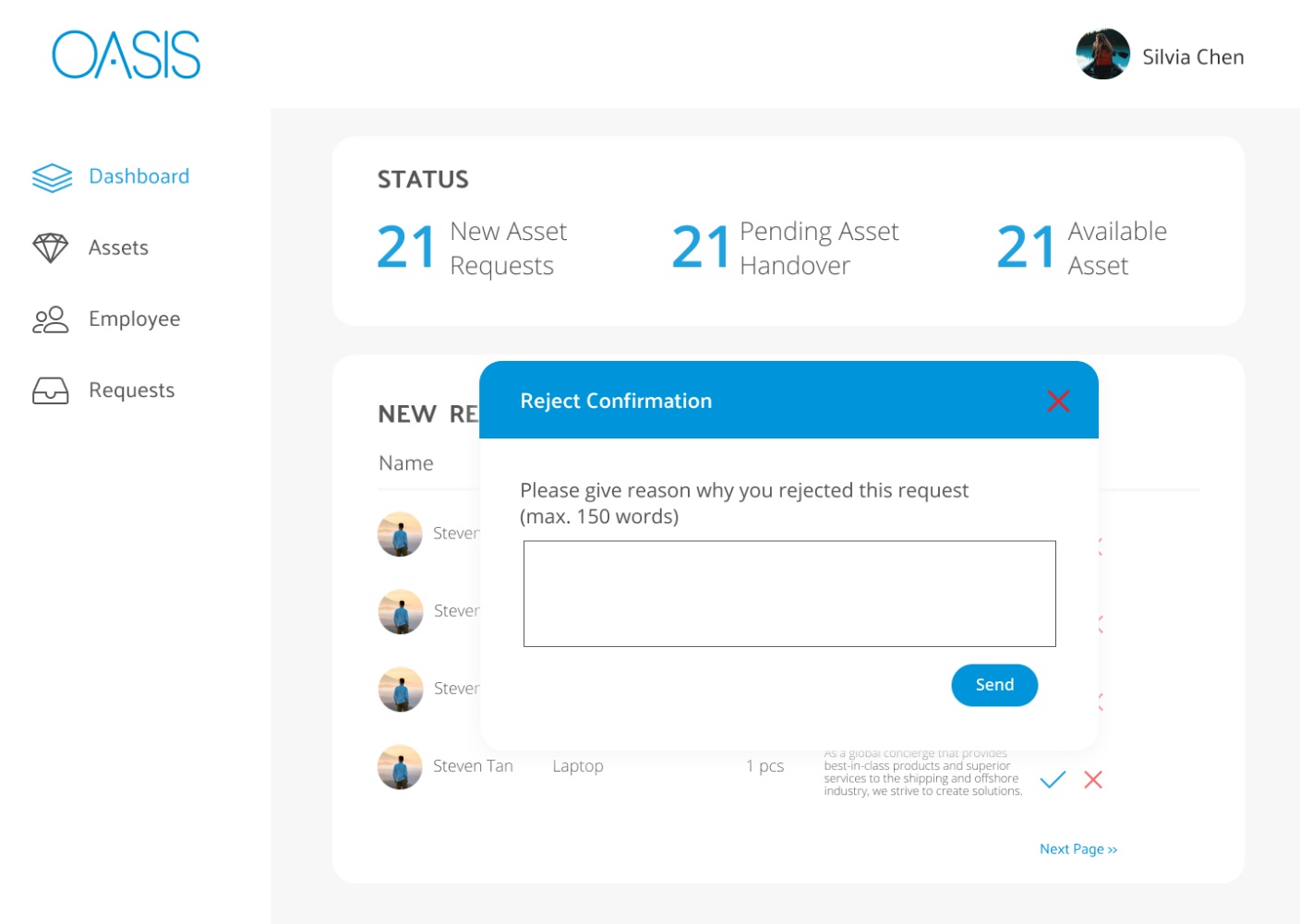
Dashboard



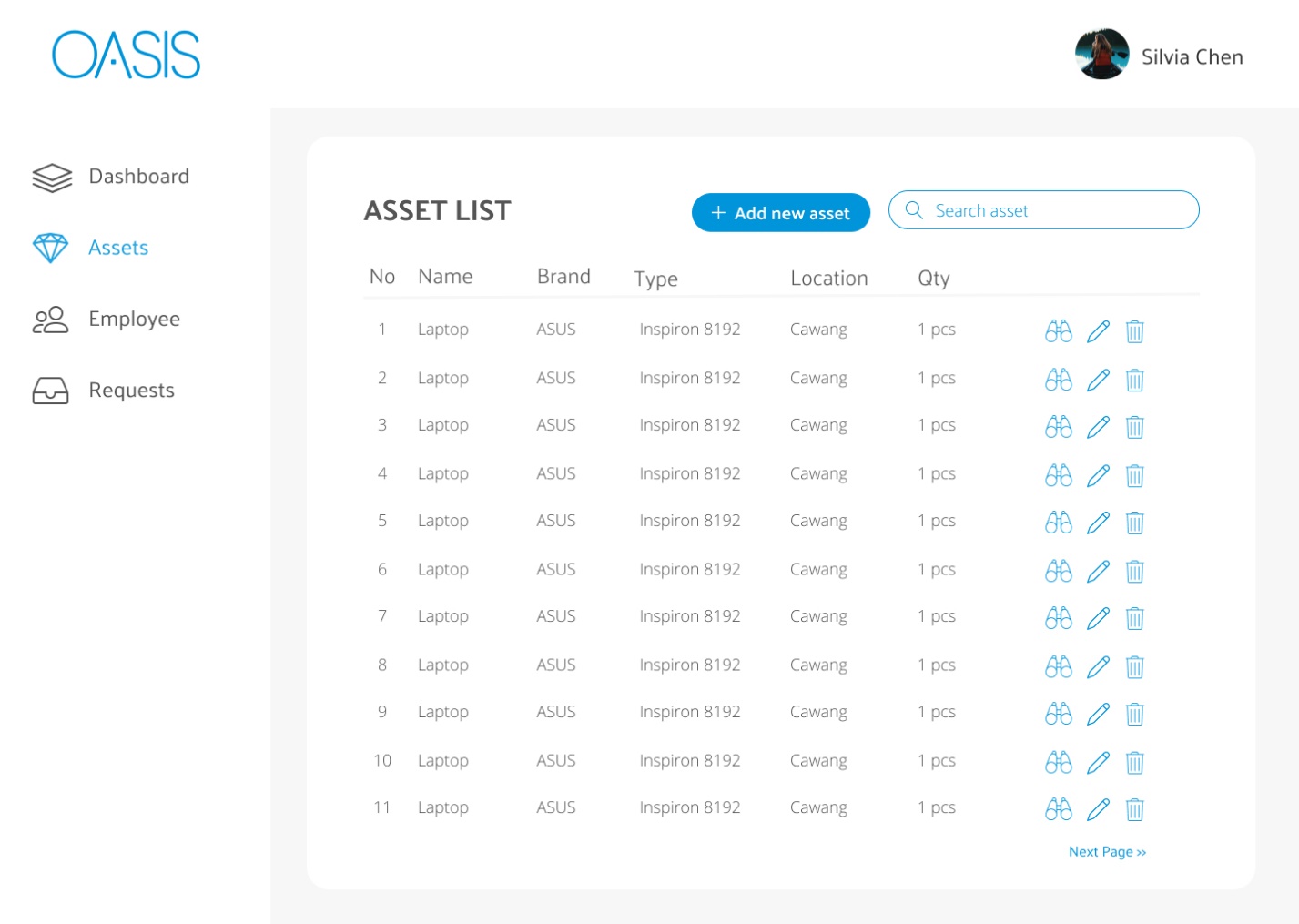
Dashboard – Reject Confirmation



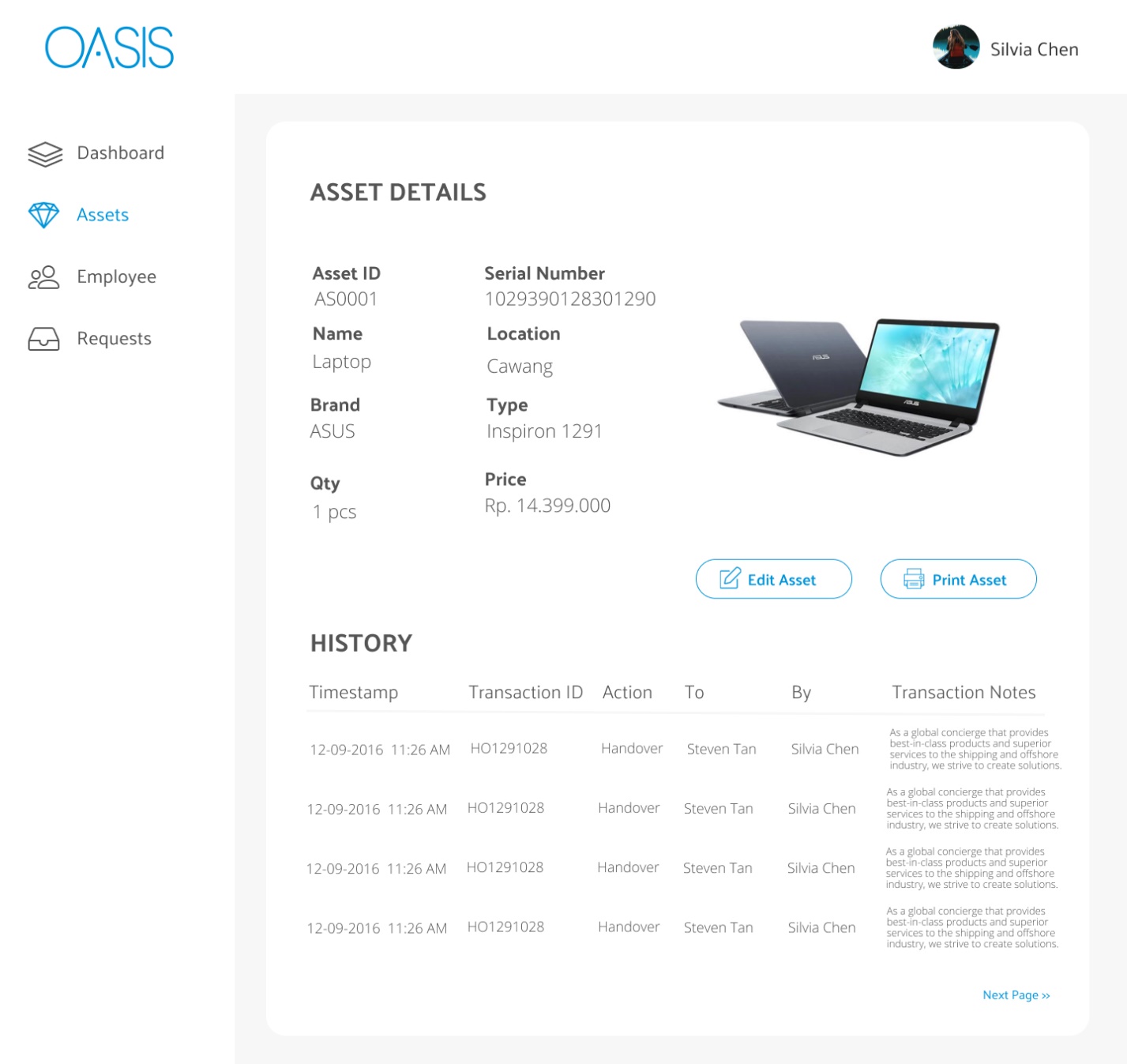
Dashboard – Reject Confirmation Notes



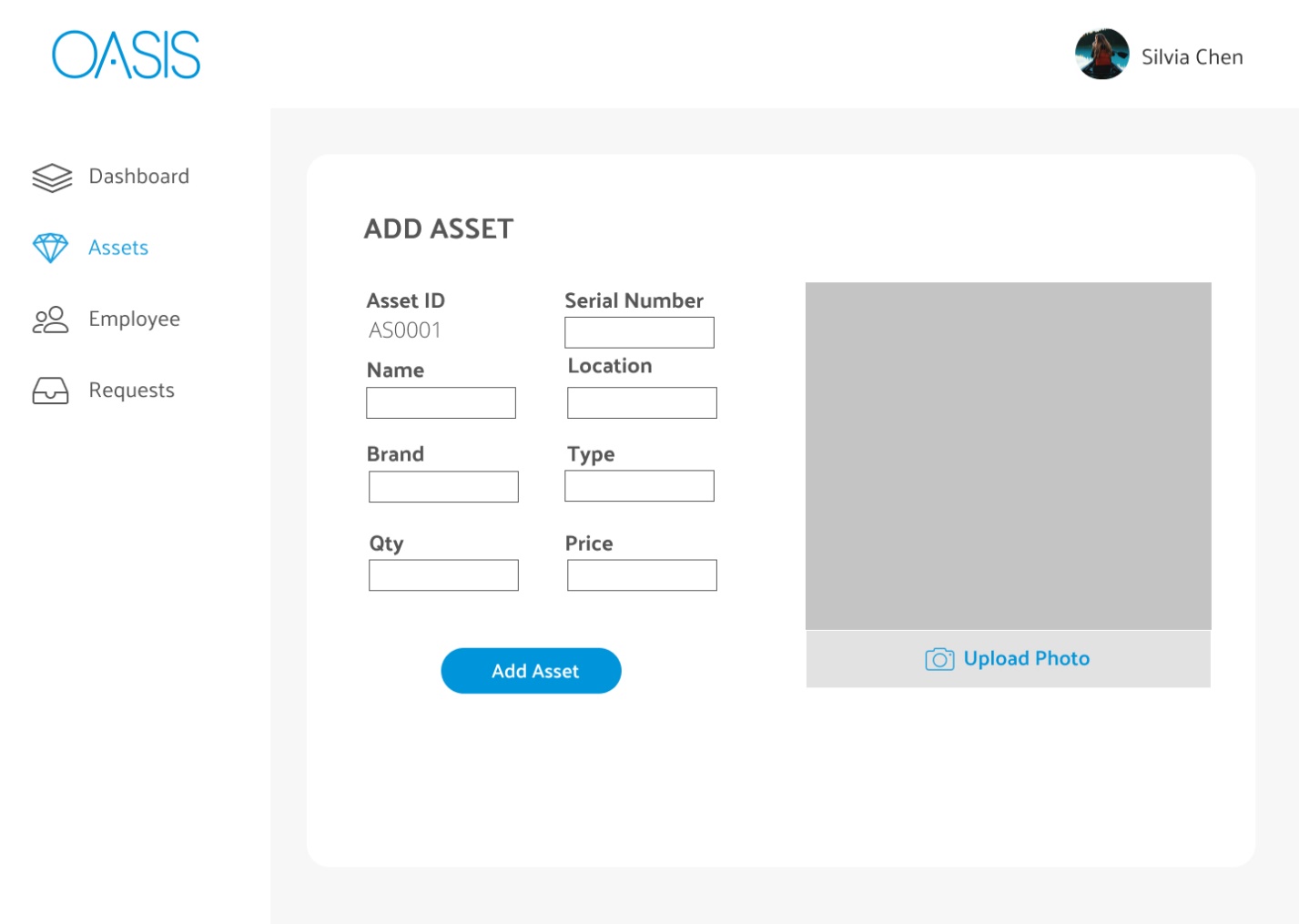
Asset



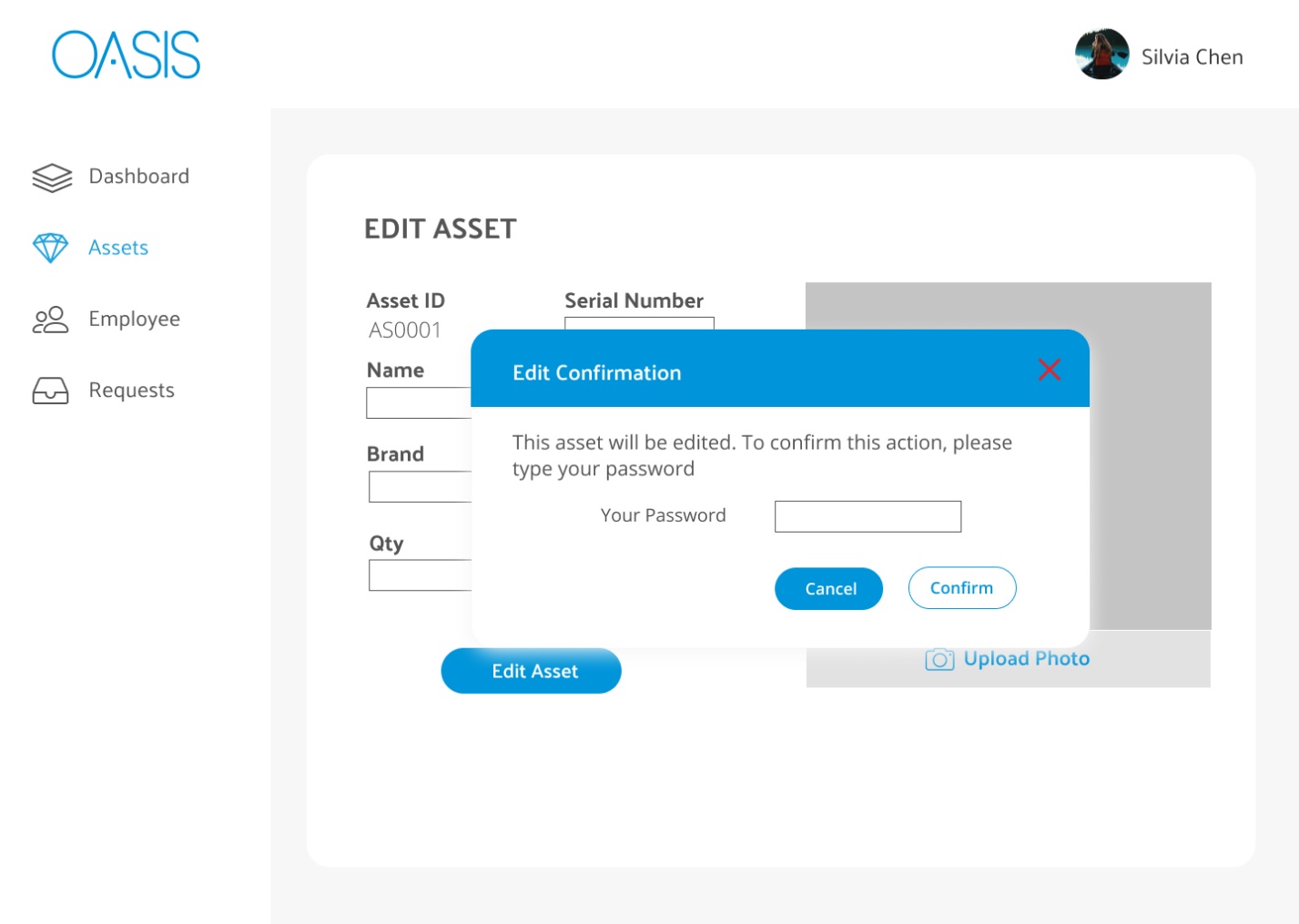
Asset Detail



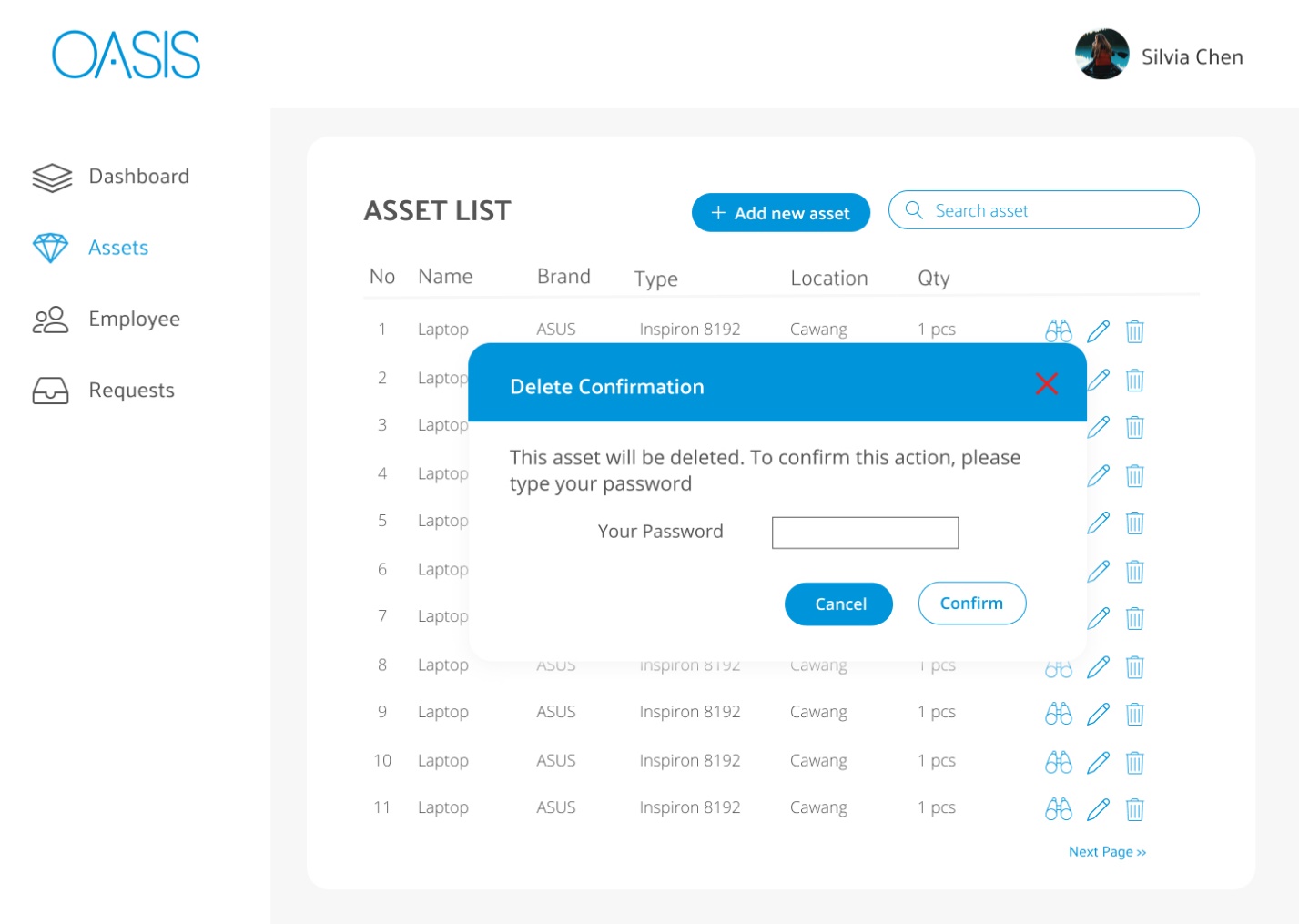
Asset (Add New Asset)



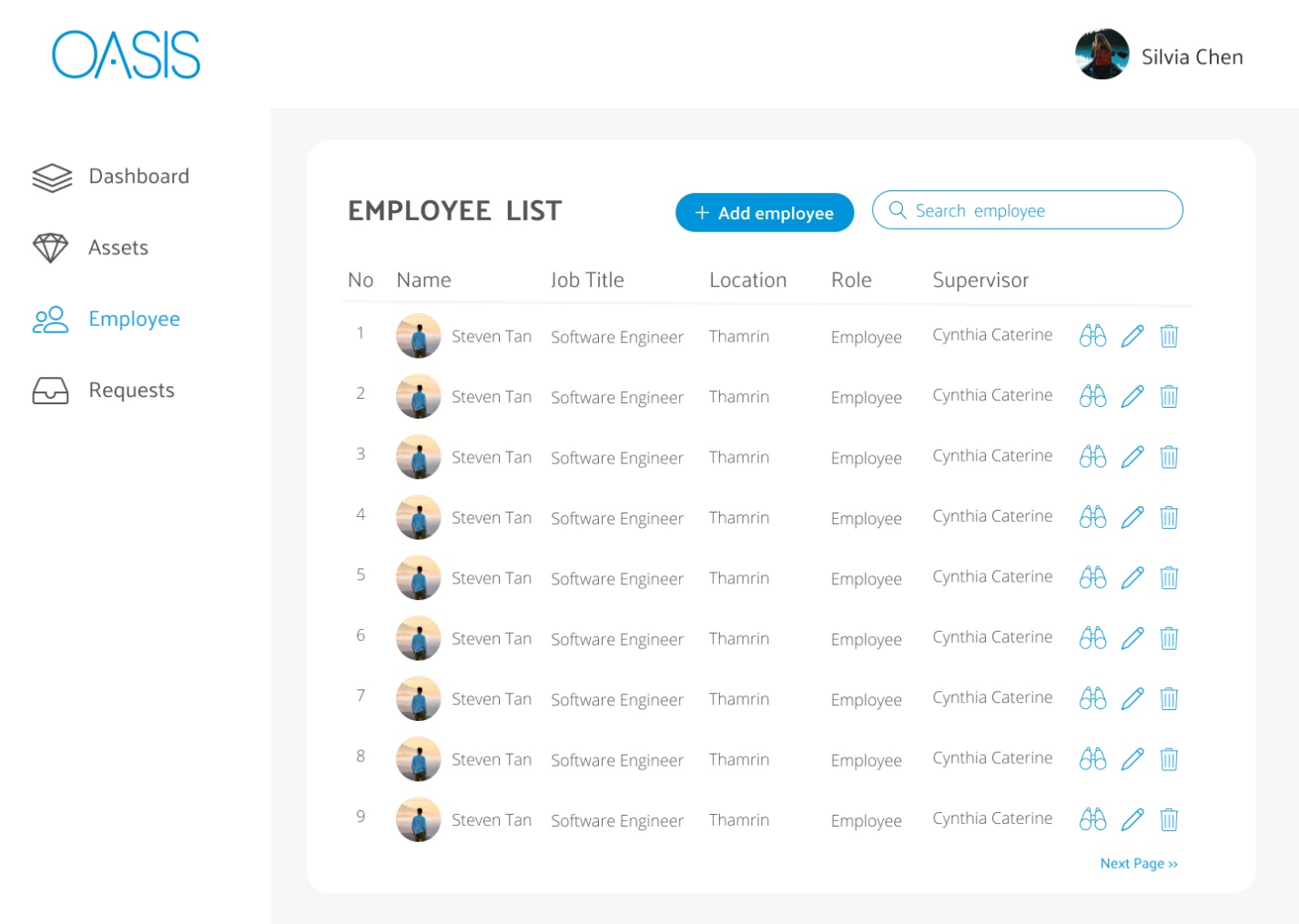
Asset (Edit Asset)



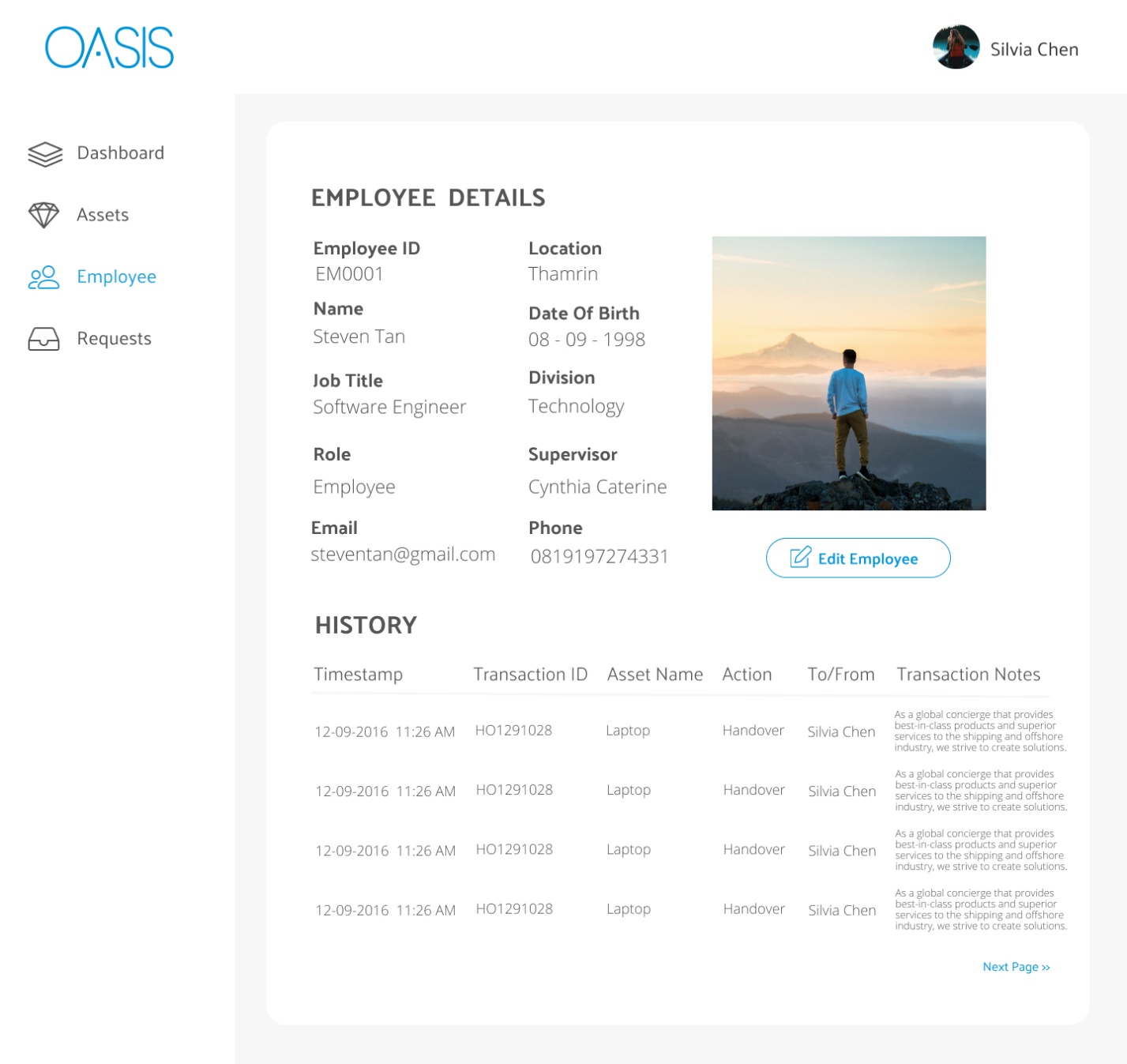
Asset (Delete Asset)



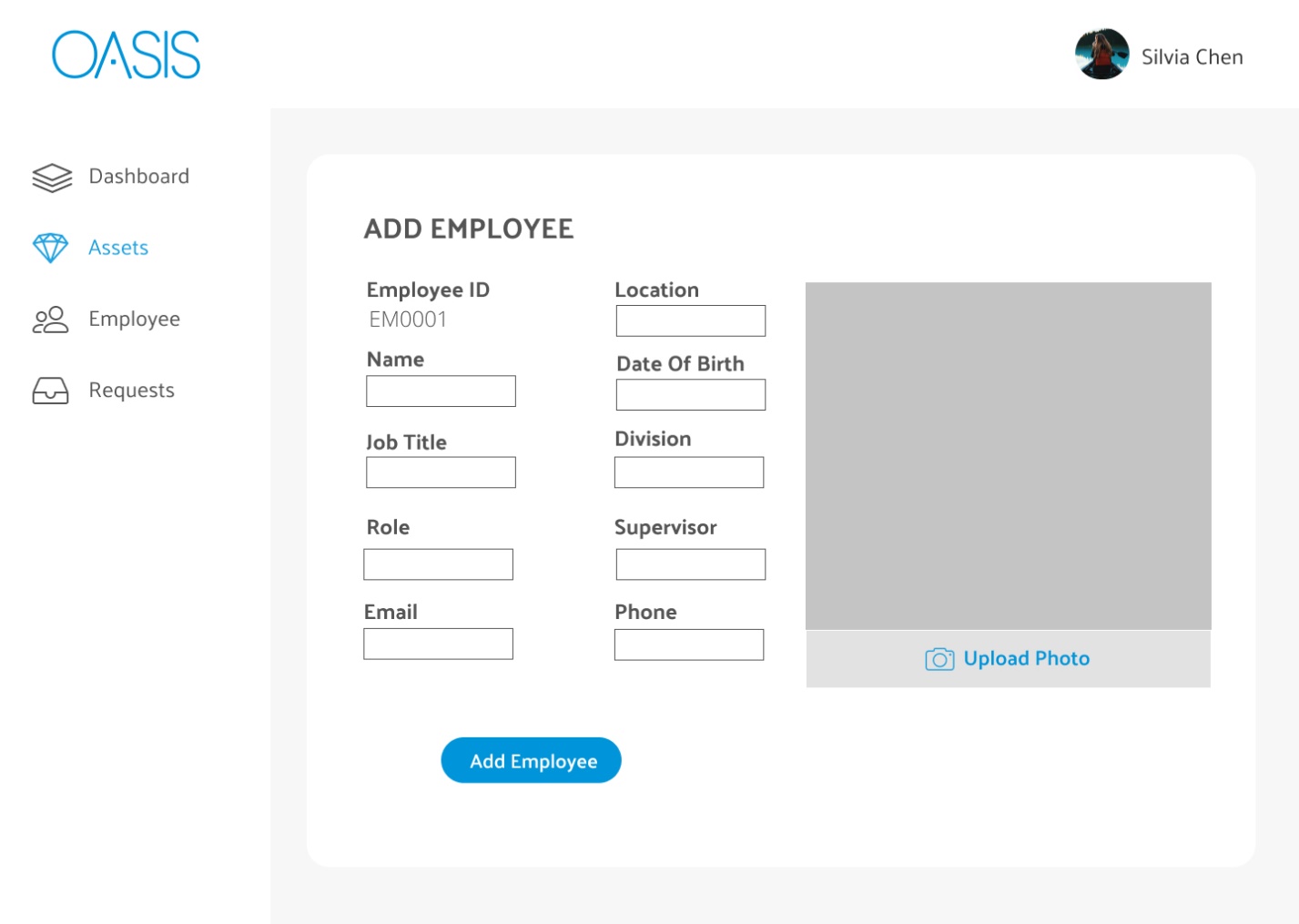
Employee



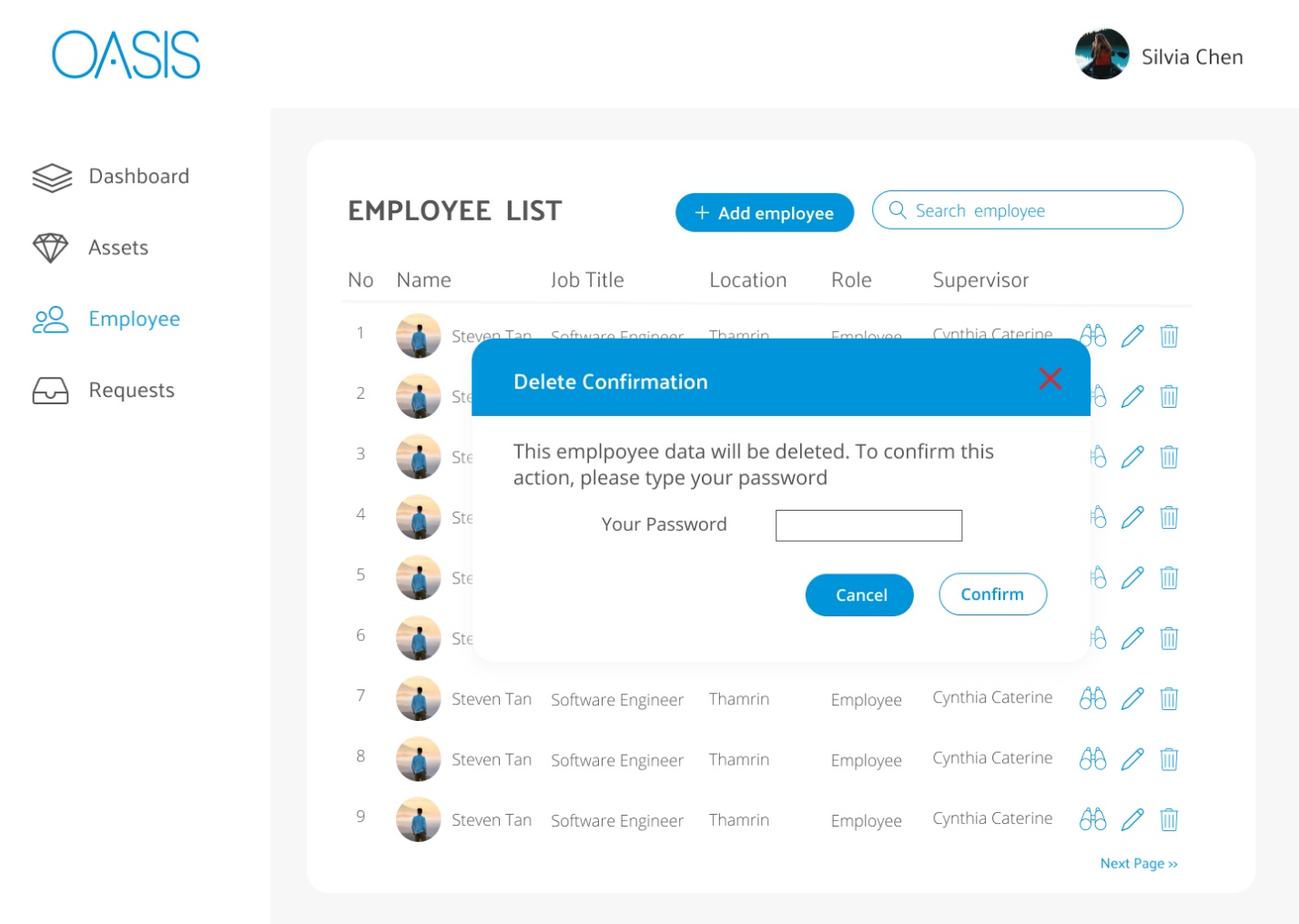
Employee Detail



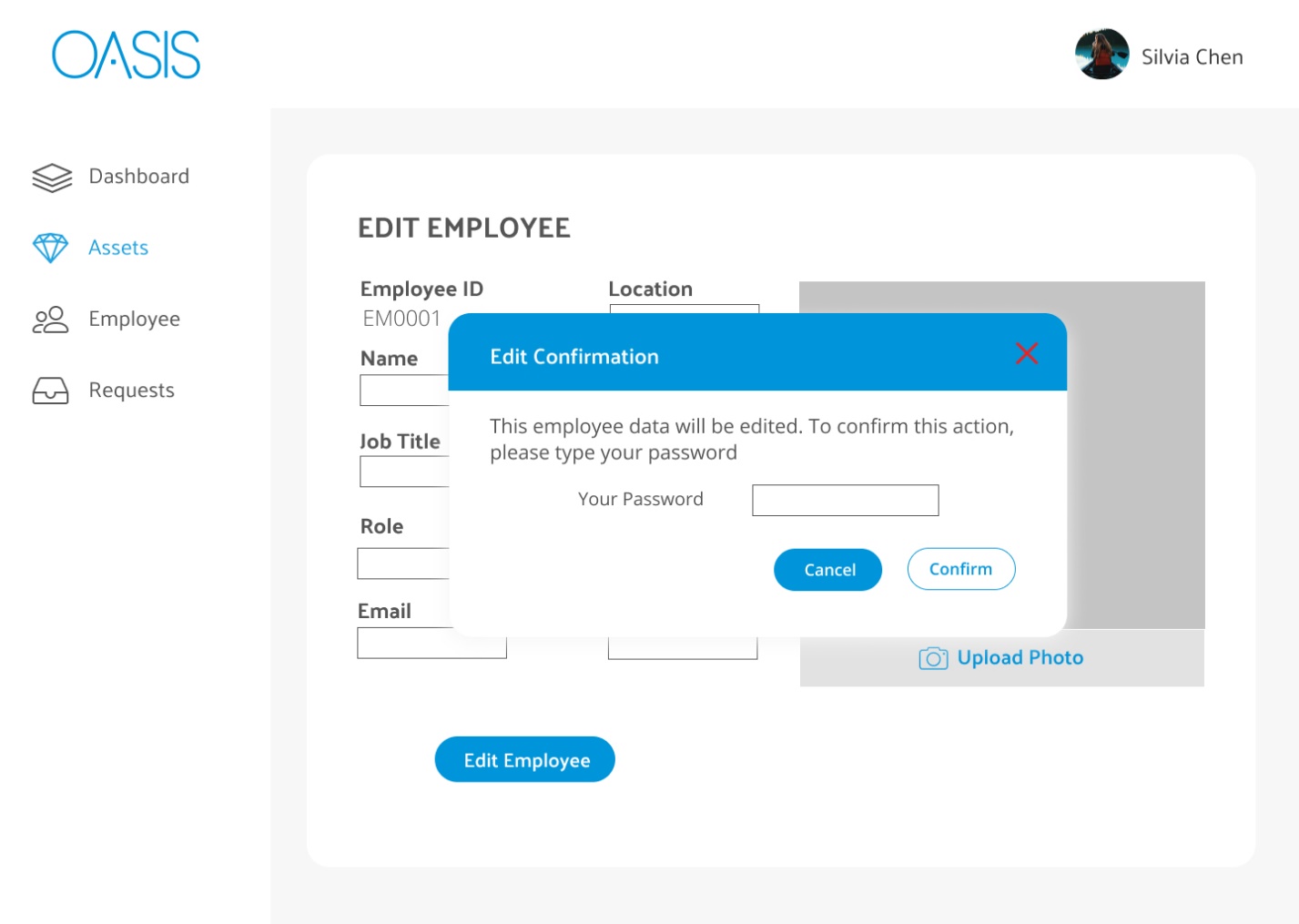
Employee (Add New Employee)



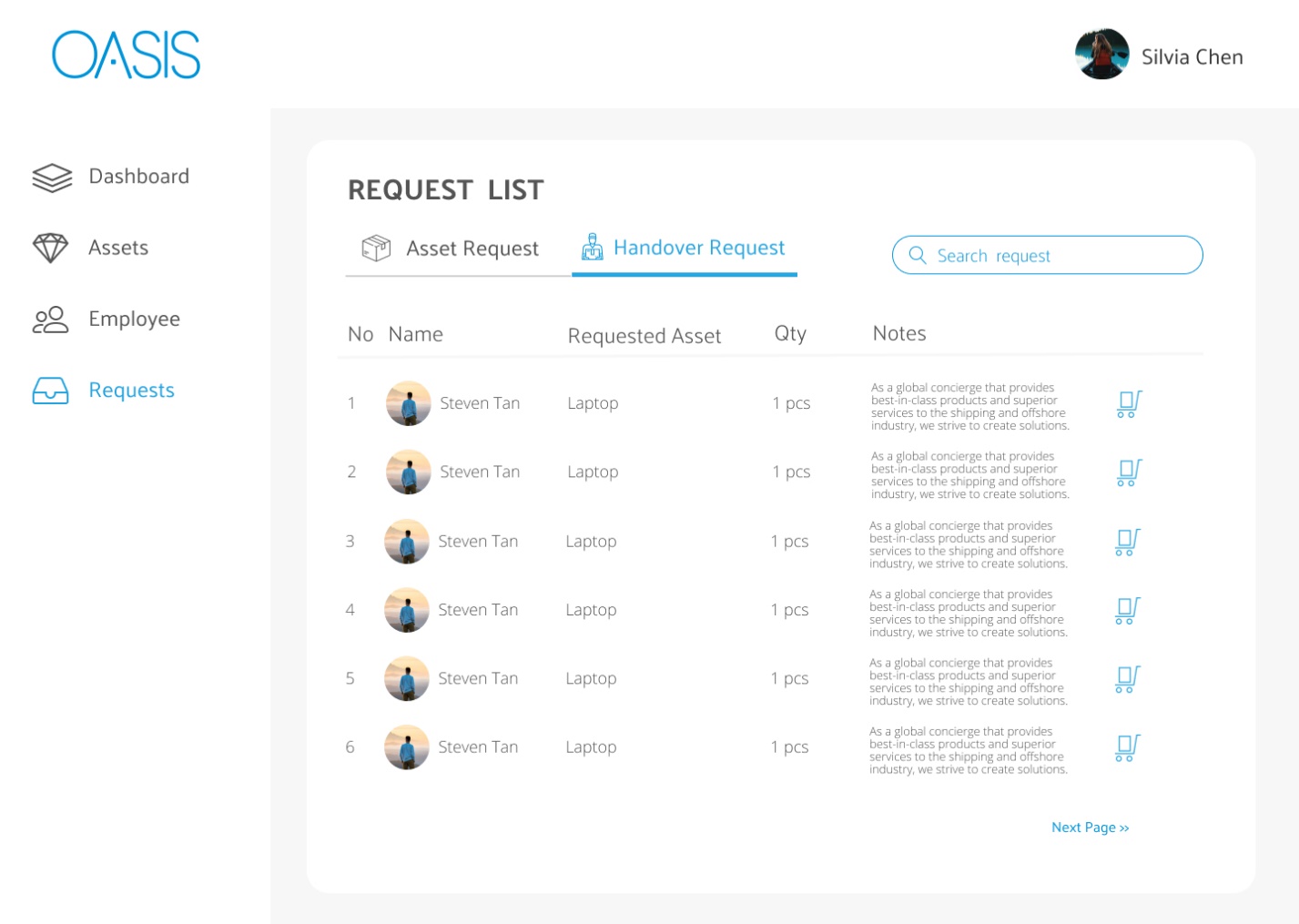
Employee (Delete Employee)



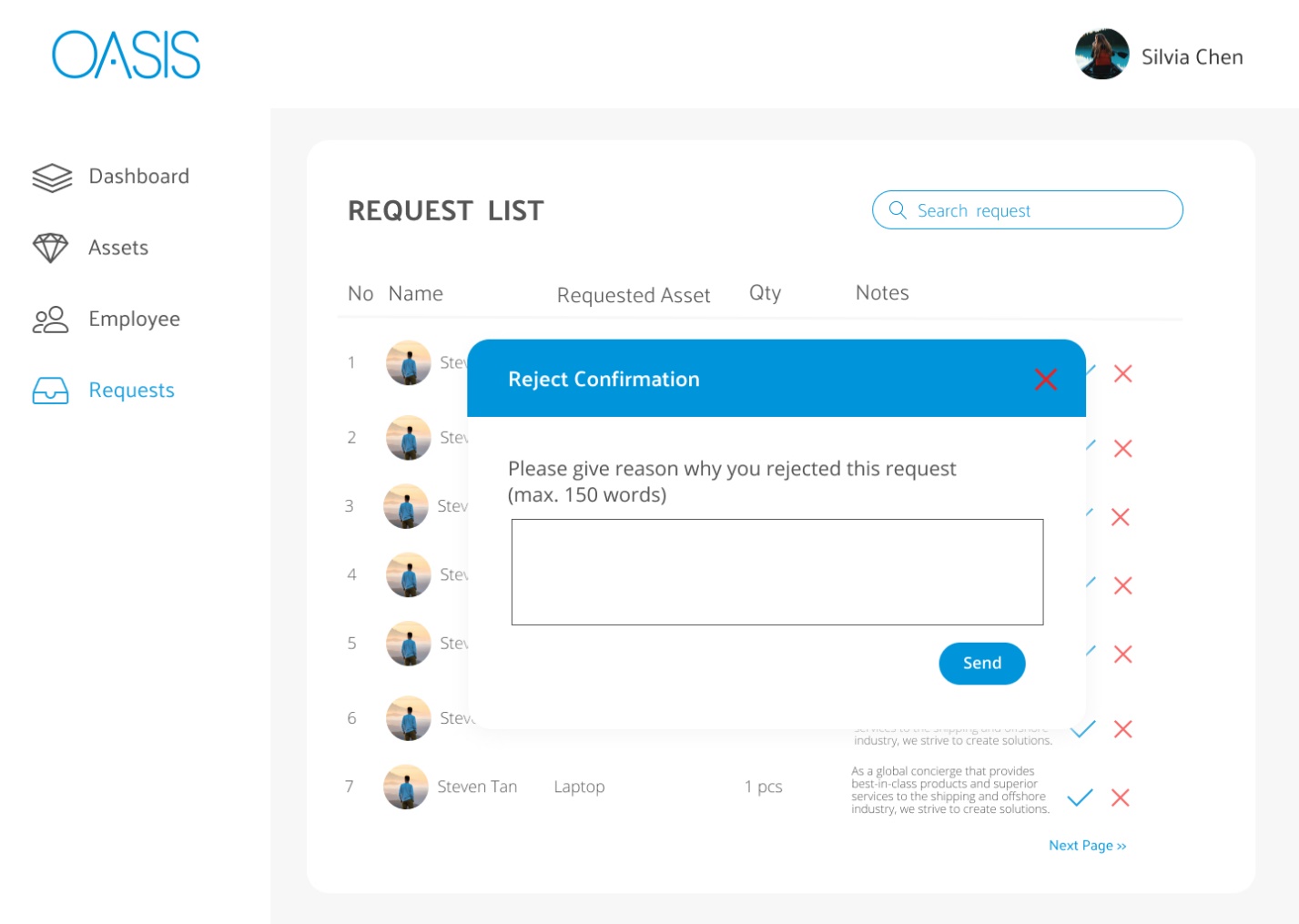
Employee (Edit Employee)



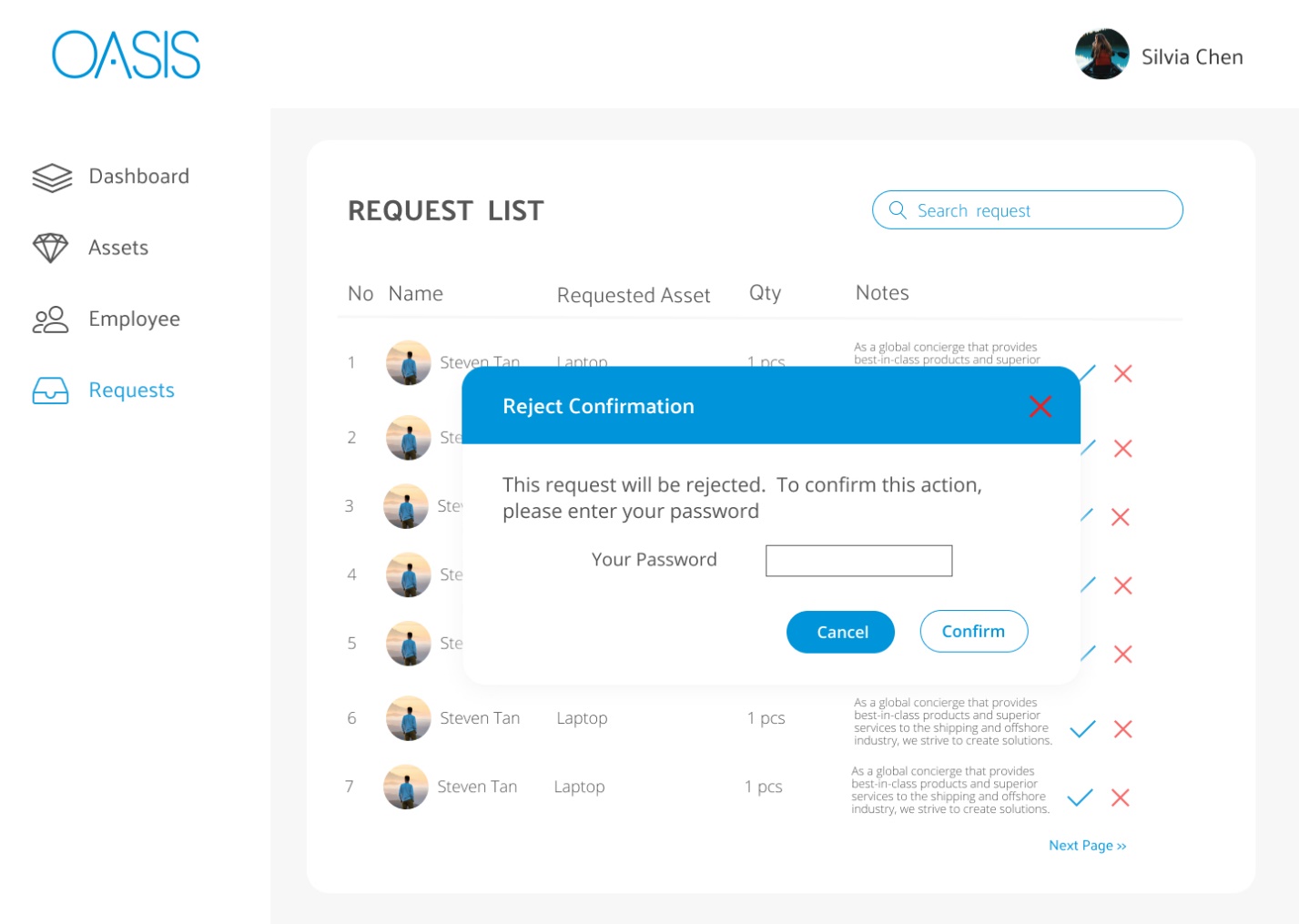
Request – Asset Request



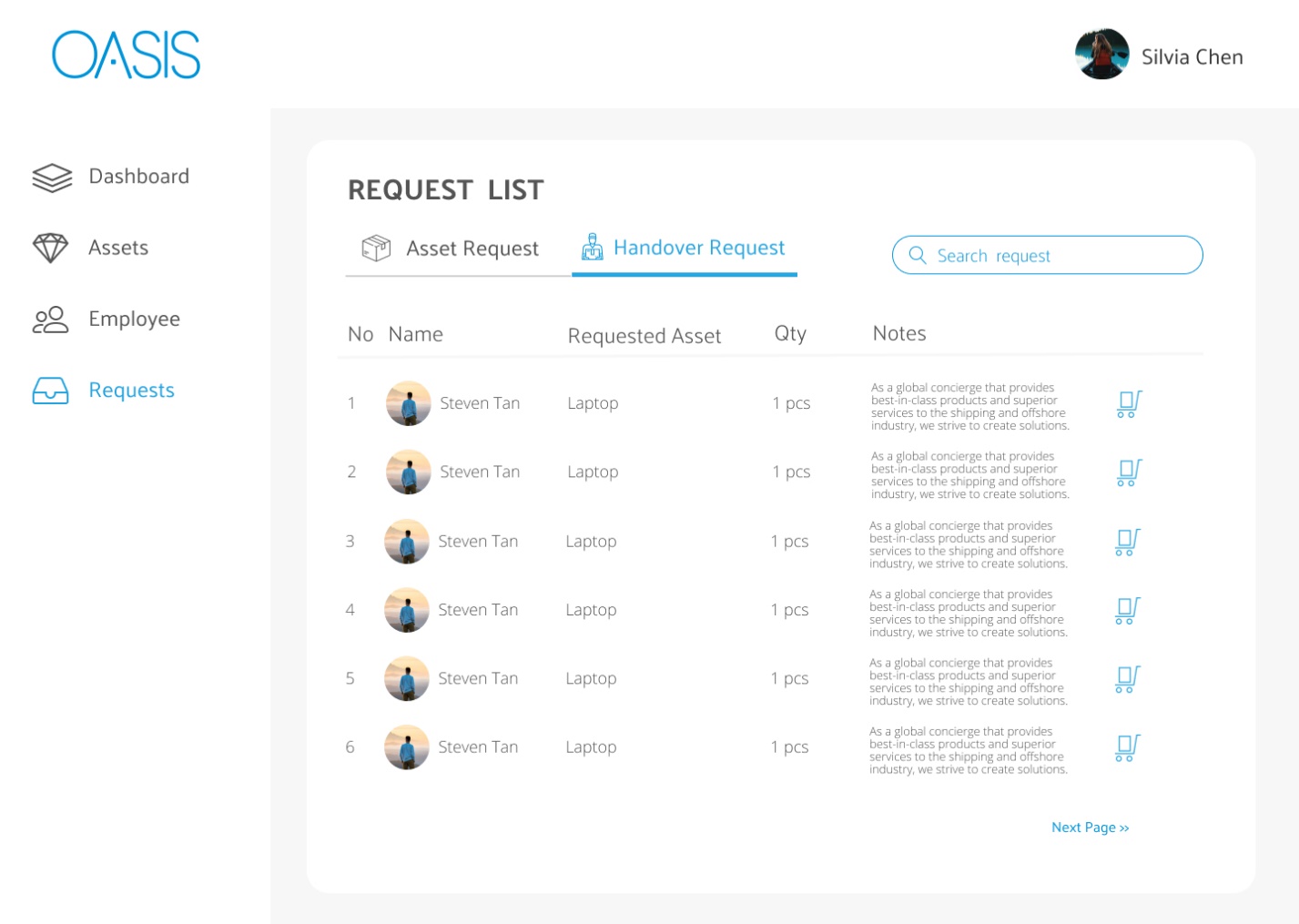
Request – Asset Request Reject Confirmation



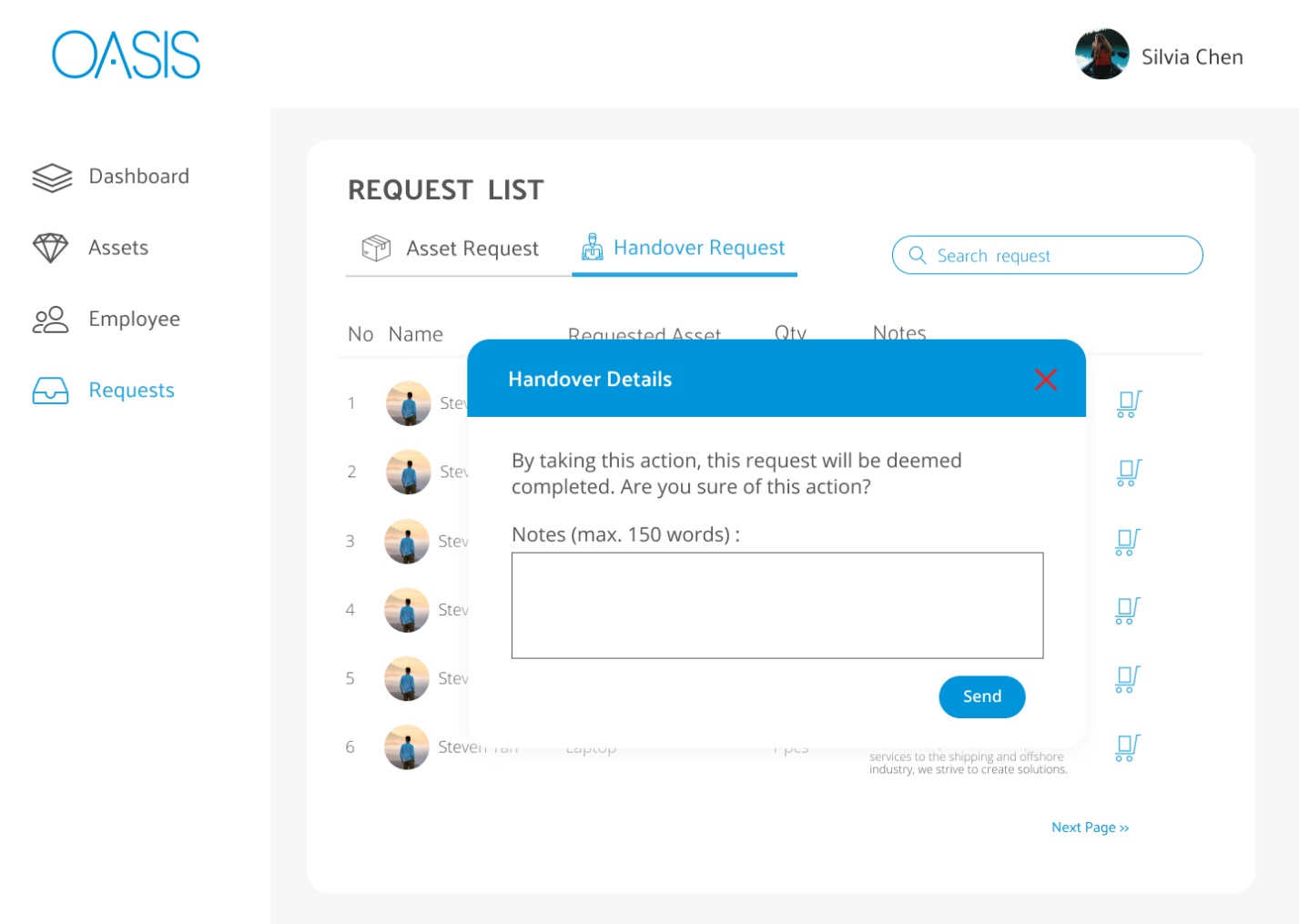
Request – Asset Request Reject Confirmation Notes



Request – Handover Request



Request – Handover Request Detail



## 

## Non-Functional Requirements

1. The application must be built in Java Spring
2. The application must be available in Github
3. The application must be passed 90% unit testing
4. In UI, the application must only use at most library such as Jquery
5. The application will be better to use basic java without any framework at least Spring Boot

## Risks

## Future Iterations

Below is a list of all future features that will not be featured in the MVP release, but are important to keep in mind.

|  |  |
| --- | --- |
| **Feature** | **Description** |
| History | A feature will track all transaction about the asset (who’s requested, when it’s returned) and employee (what he/she has borrowed) |
| Admin Asset Request | Feature which admin can request asset |
| Sort by | Feature where we can sort the data (asset, request, and employee) according the data (name, qty, timestamp and etc) |
| Multiple Select | Feature where we can multiple select item to be deleted and be requested |
| Return Request for Broken Asset | Feature where we can ask the Admin to fix our broken asset |

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