***Group Design Assignment***

**SAD Class 3 System Design**

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# Introduction

This document has the main purpose to represent the technical diagrams for the assignment and first design sketches from WhisCabins.Ca.

Information about the integral functionality, ERD and Use-Case diagrams,GitHub website and the website link could be found here.

# Project Assignment

## Essential Requirements

* Let Administrators Create/Read/Update/Delete All Management Profiles.
* Let Administrators Create/Read/Update/Delete All Owner Profiles.
* Let Administrators Creates/Reads/Update/Deletes All Renter Profiles.
* Let Office Managers Read All Management Public Profiles.
* Let Office Managers Create/Read/Update/Delete All Owner Profiles.
* Let Office Managers Create/Read/Update/Delete All Renter Profiles.
* Let Owners Create, View, Update, Delete Personal Profile.
* Let Owners Change their own Password.
* Let Owners View Renter Profile.
* Let Owners Create,View, Update, Delete Own Properties.
* Let Owners View Property Reservation.
* Let Owners Confirm/Reject Property Reservation request.
* Let Renters Create/Read/Update/Delete Their Own Renter Profiles.
* Let Renters Change Own Password.
* Let Renters View Properties.
* Let Renters Request Property Reservation.
* Let Renters Request to Cancel Property Reservation.
* Let Renters Create/Update/Delete payment options.

## Important

* Let Owners View Property Leasing History.
* Let Owners View Property Review and Rating.
* Let Owners View Property Maintenance History.
* Let Renters Rate/Review Properties.

## Nice-to-Have

* Let Administrators Creates/Reads/Update/Delete All Maintenance Profiles.
* Let Office Managers Create/Read/Update/Delete All Maintenance Profiles.
* Let Custodian Reads All Maintenance Public Profiles.
* Let Custodian Reads All Owner Profiles.

# ERD and Use Models

## ERD Diagram

The ERD diagram looks like this:

ERD.png

## Use Case Model

The use case model looks like this:

UseCaseDiagramSSD3.png

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# GitHub link

The Github link for the project is : <https://github.com/xaviermercado/SSDFall2016SAD3>

# Wireframe

The Website Wireframe link is : <http://whiscabins.esy.es/Login.html>