# Assessment 2: Report

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## Introduction

## Background

The produced application can be used by Employees of a company to manage their details and handle Holiday (PTO) Requests. Admins of the company can view all of the Employees held by the API Web Service and perform CRUD operations, having the ability to insert new users, update the details of existing users or remove them from the records. Admins can also view and action (Approve or Deny) the PTO Requests submitted by Employees.

When these requests are updated, a Notification Service pushes notifications to inform the user of these changes. These notifications are also pushed on update to Employee Details.

## Design and Storyboard

* Class Diagrams
* Design carried forward from CW1
* Storyboards illustrating the functionality of the submitted solution

## Legal, Social, Ethical and Professional Considerations

* Privacy, Integrity, Security
* How were the issues addressed?

## Interface Design

* UI Screenshots with links to XML files in repository

## Implementation

* Code snippets in relevant sections

### Functional Requirements of the Application

### Activities

### Local Database Implementation

### API Integration

## Key Design Features

* SOLID
* Helpers/Services for Database, API and Notifications
* Worker Threads using AsyncTask

## Evaluation

* Post-design evaluation on usability and functionality
* Recommendations for future improvements

## Summary

## References

## Assessment Materials

* GitHub Repository
* GitHub Release
* Video Link (also include MP4 in submission!)
* API URL and Endpoints