Hospital leave System

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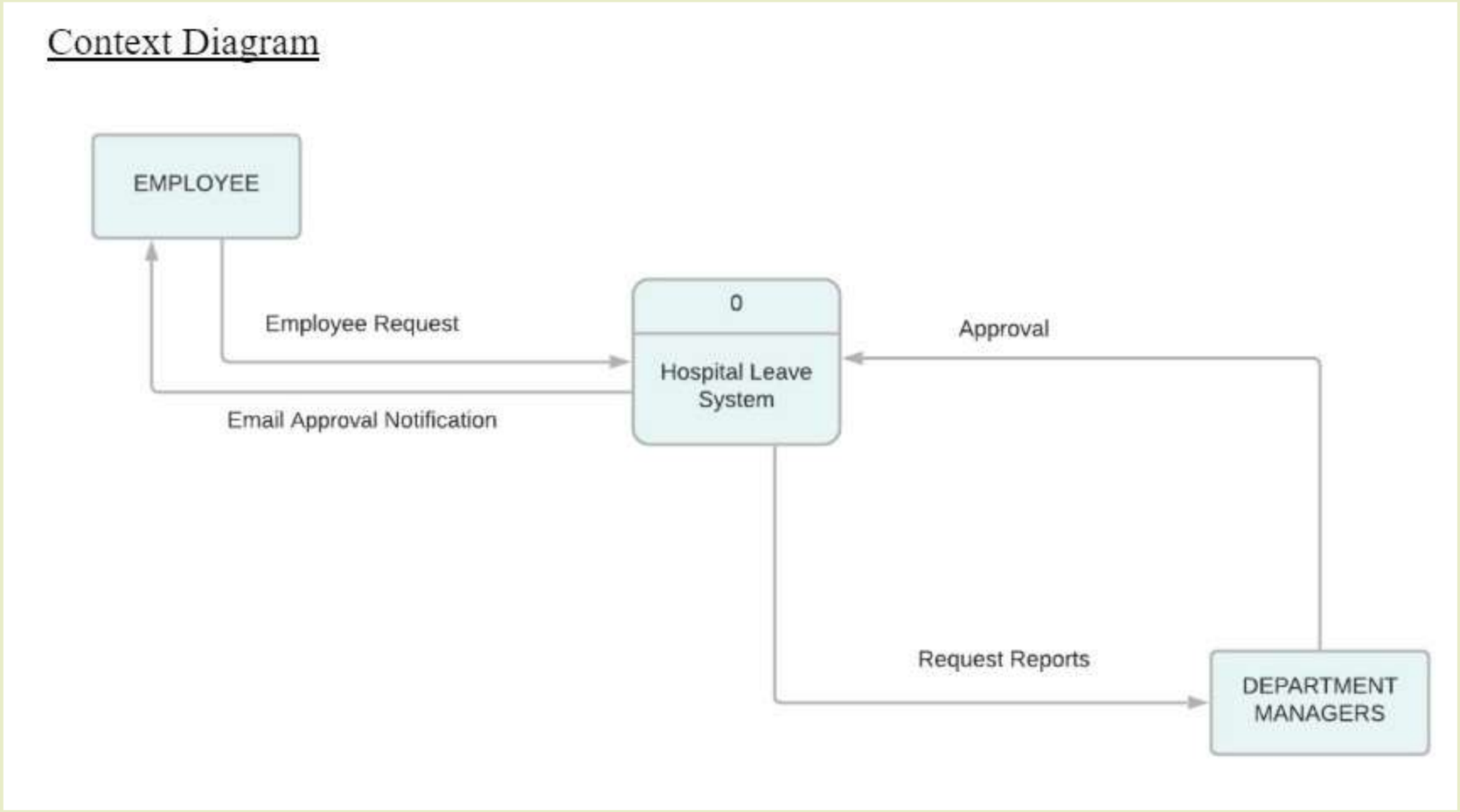
Introduction

Many hospitals face problems with issuing leaves and vacations for employees , and keeping record of how many days each employee took off.

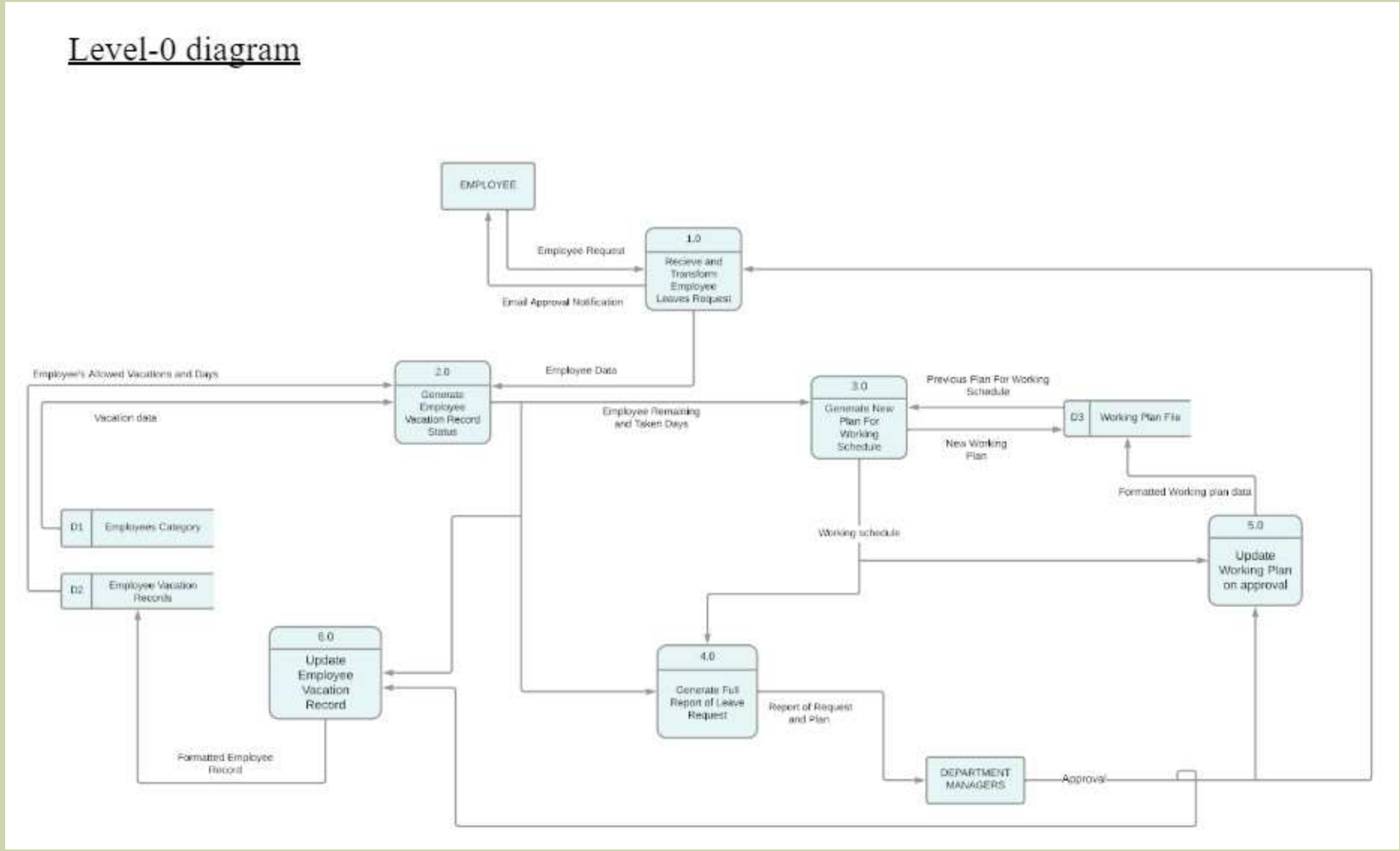
Project Description

Our project aims to solve this problem by allowing employees to send leave or vacation requests to their manager through a website. And allows managers to view employees leaves and vacations requests on a website. This way, managers will be able to check if an employee's request is valid, and record of all vacations will be stored on a database.

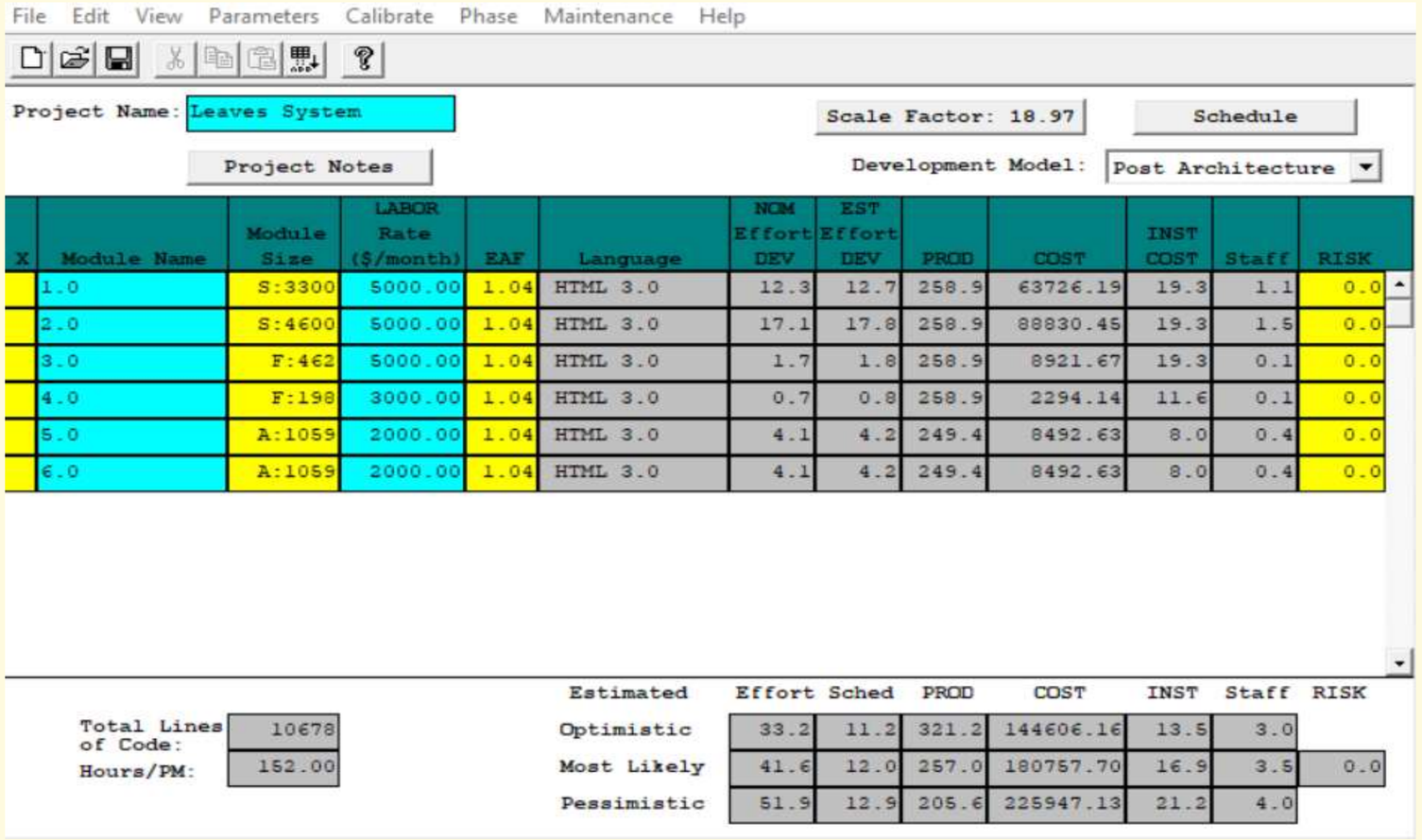
Context Diagram



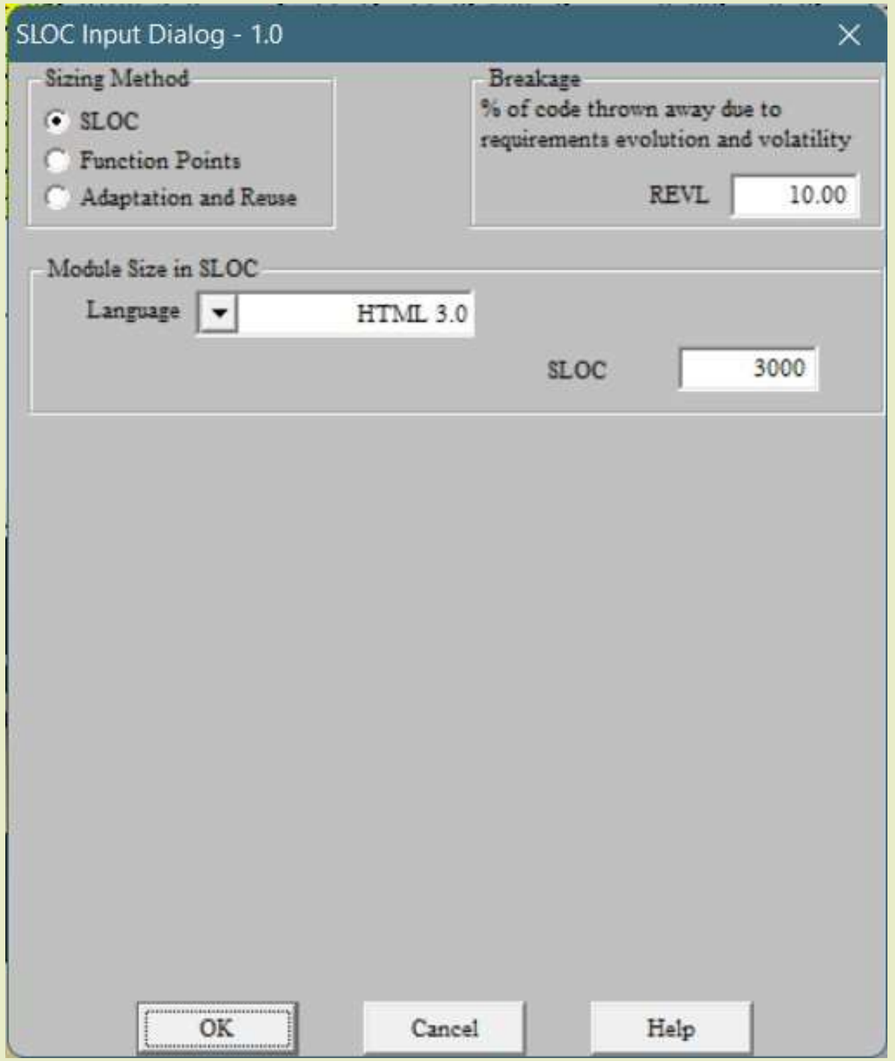
Level-0 Diagram



Cocomo overview



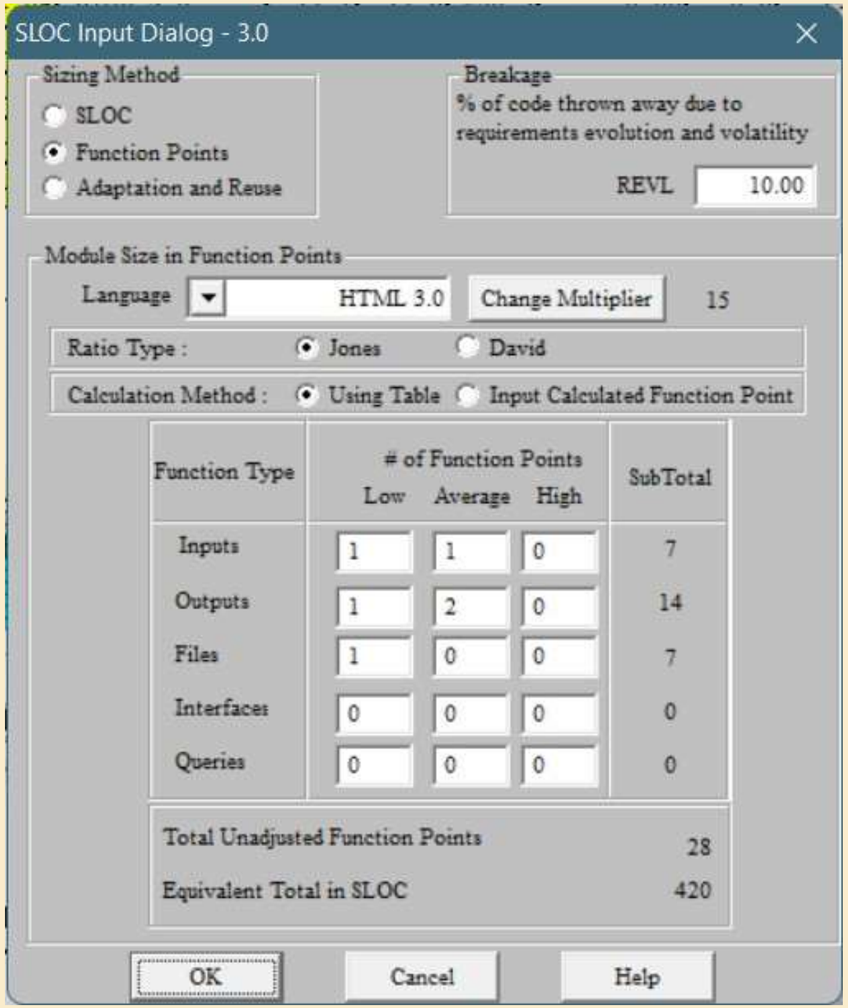
Example of SLOC



Receive and transform employee leave requests

SLOC: is used for the sizing method of receiving and transforming the employee leaves request process.

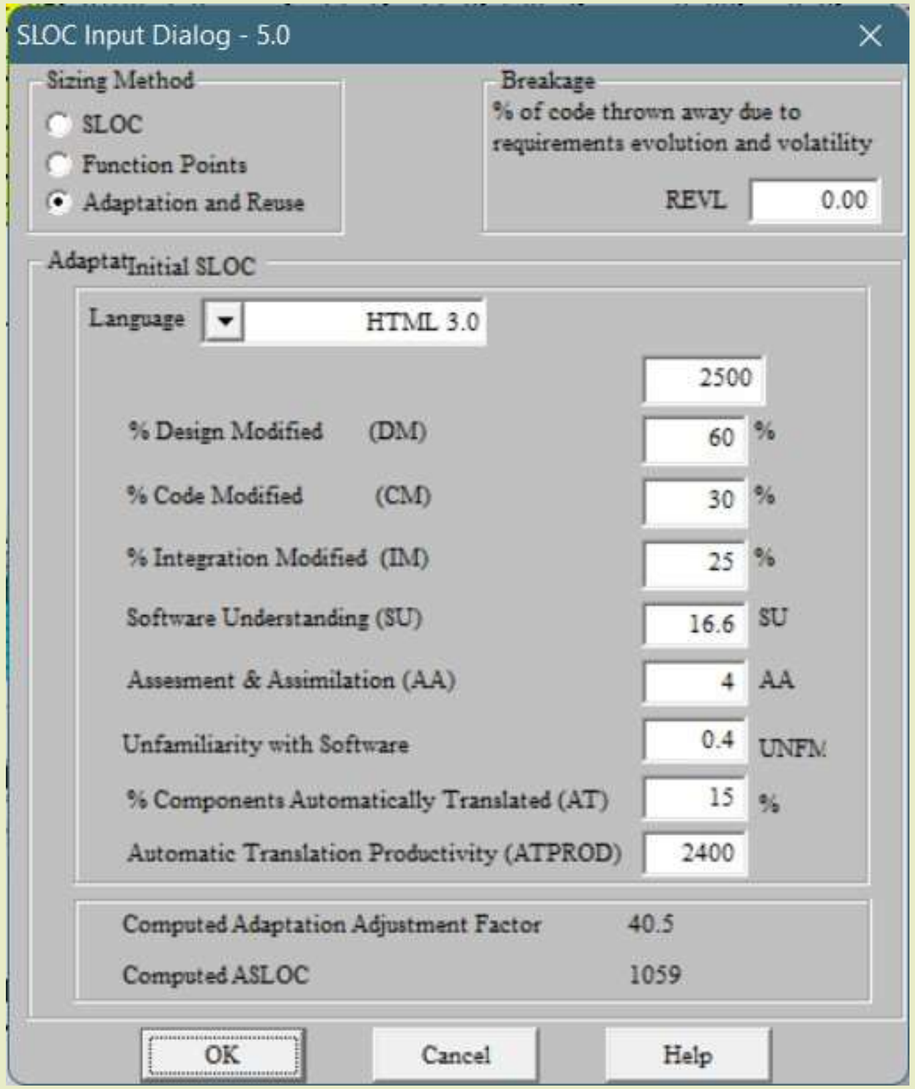
Example of Function points



Generate a new plan for the working schedule

The function point for cost estimation is used in generating a new plan for the working schedule process, based on the amount of functionality in a software project and a set of individual project factors

Example of Reuse



Update working plan on approval

Adoption and Reuse method that we used to sizing the update working plan on approval process

Conclusion

This system will help many hospitals with managing their employees' leaves and vacations.

Which will improve the functionality of their work

Thank you for listening

any questions?