Software Engineering Project Proposal

Ver 1.1

**Team Name:** Real Estate Sharks

**Team Members:** *Gene Carlino, Cavan Odonnell*

**Primary Author of this Document:** *List the team member or members responsible for final editing and formatting of this document.*

1. Clients and Stakeholders

Client – Lou Riley

Stakeholders – Gene Carlino, Cavan Odonnell

1. Project Description

*To create property management software for small family owned companies. The software is meant to be used as a management tool. It will be a one stop shop type application for owner and renter/leaser. The application will have a portal for tenants to know information such as, rent, title, utility bills. It will also do data analytics for the owners of the properties to find such things as P/L’s, repair costs/asset.*

*There will also be the ability for tenants to request repairs, get information, and communicate with management. Through an online application (tertiary goal).*

* + *Database*
  + *Web app for client to input and view data*
  + *Web accessible online application portal*
  + *Client for third parties to use (app)*

1. Language and Resources

*Frontend: JavaScript (framework: React)*

*Backend: Python ( Django)*

*Database: MySQL*

*Other tools: Git (version control), Gradle or Maven (dependency management)*

1. Project Goals

*List all of your project goals divided up into primary, secondary and tertiary goals.*

* *Primary goals - goals you are 100% committed to completing*
  + *Database with all relevant information client needs for property management* 
    - *Income*
    - *Expense tracking*
  + *Data Analytics*
  + *GUI that displays information client requests*
* *Secondary goals - goals you “think” you’ll be able to complete*
  + *Customizable GUI*
  + *Online application*
* *Tertiary goals - dream goals you likely won’t get to*
  + *3rd party access*
  + *Mobile web app*
  + *Late rent notice’s automatically sent out to tenants*
  + *Communication history* 
    - *Bulk tenant communication*
    - *Tenant to landlord/3rd party communication*
  + *Export information to excel*

1. Approvals

Client: Approved project on 1/27/22 5:12 pm EST

Professor: TBD

1. Log

Log 01 - Thursday 1/27/22 4:15 pm EST - **Title**: Pitch

**Description**: First team meeting. Filled out this document (v1.0) and discussed plans for the project.

End – 05:24 pm EST

Log 02 – Sunday 1/30/22 10:09AM – Title: Review proposal, Team Member Assignment and Contract, Individual Contract

Description: reviewed the proposal, team member assignment and contract