INTRODUCTION

Topic :

The Real Estate Management System (REMS) is a robust software solution meticulously crafted to meet the intricate demands of real estate professionals, agencies, and property managers. Designed with a user-centric approach, REMS offers a suite of features that streamline and automate key aspects of real estate operations. From effortless property listings management with multimedia support to efficient customer relationship management (CRM) and transparent transaction oversight, REMS enhances organizational efficiency and client satisfaction. Its financial tools facilitate seamless invoicing and accounting, while robust reporting and analytics empower decision-makers with actionable insights. Tailored for both individual real estate agents and large agencies, REMS is accessible through a web-based platform, ensuring compatibility across devices. It is built with HTML, CSS, JavaScript, and PHP. In essence, REMS is more than software; it's a strategic ally, simplifying complexities and revolutionizing real estate management practices.

FEATURES

- Customers can view the properties listed
- Customers can get an in-detail view of the property
- Customers can sign up if not registered.
- Customers can login if they are already registered.
- Customers can save the properties
- Customers can view their saved properties
- Customers can view real-time updates on the status of their listings
- Customer can post property
- Customer can delete the posted property
- Customer can send message to the admin
- Customer can enquire on the property once
- Customer can use filter search for getting the desired results
- Customer can update his/her profile and change the passwords
- Customer gets access to the FAQ and contacts for help
- Admin can add or remove properties from the property list.
- Admin can add or remove user details.
- Admin can view and update status of properties
- Admin can check the messages sent by the user
- Admin can update the profile.

STAKEHOLDERS

1) Users:- who come for viewing the properties according to their desires and accordance.
2) Admin:- who manages the system and can update or delete necessary details.

SELECTED MODEL : AGILE

Agile development is a dynamic, iterative software development process that puts an emphasis on adaptability, teamwork, and change-responsiveness. Agile approaches, in contrast to traditional ones, emphasise producing software in short, iterative cycles called sprints that contain functional increments. Close cooperation amongst cross-functional teams, continual improvement, and adaptable planning are encouraged. According to the Agile Manifesto, agile principles prioritise frequent software delivery, customer happiness, and acceptance of change. Teams regularly review and respond to changing needs, which enables prompt modifications in response to input.

REASONS OF SELECTING Scrum framework

- Agile Principles: Scrum is based on Agile principles, emphasizing flexibility and customer collaboration.
- Iterative Development: Scrum employs iterative and incremental development, breaking projects into manageable sprints.
- Customer Satisfaction: Regular feedback ensures alignment with customer expectations.
- Adaptability: Scrum is designed to adapt to changing requirements and priorities.
- Transparency: Regular ceremonies provide transparency into project progress and issues.
- Empowered Teams: Scrum promotes self-organizing teams for autonomy and creativity.
- Continuous Improvement: Sprint Retrospectives foster a culture of learning and innovation.
- Predictability: Fixed-length sprints provide a level of predictability.

- Early Delivery: Scrum encourages delivering a potentially shippable product increment regularly.
- Risk Management: Identifying and mitigating risks early in the development process is a focus.
- Cross-functional Teams: Scrum promotes collaboration among members with different skills.