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An application for construction and the building process

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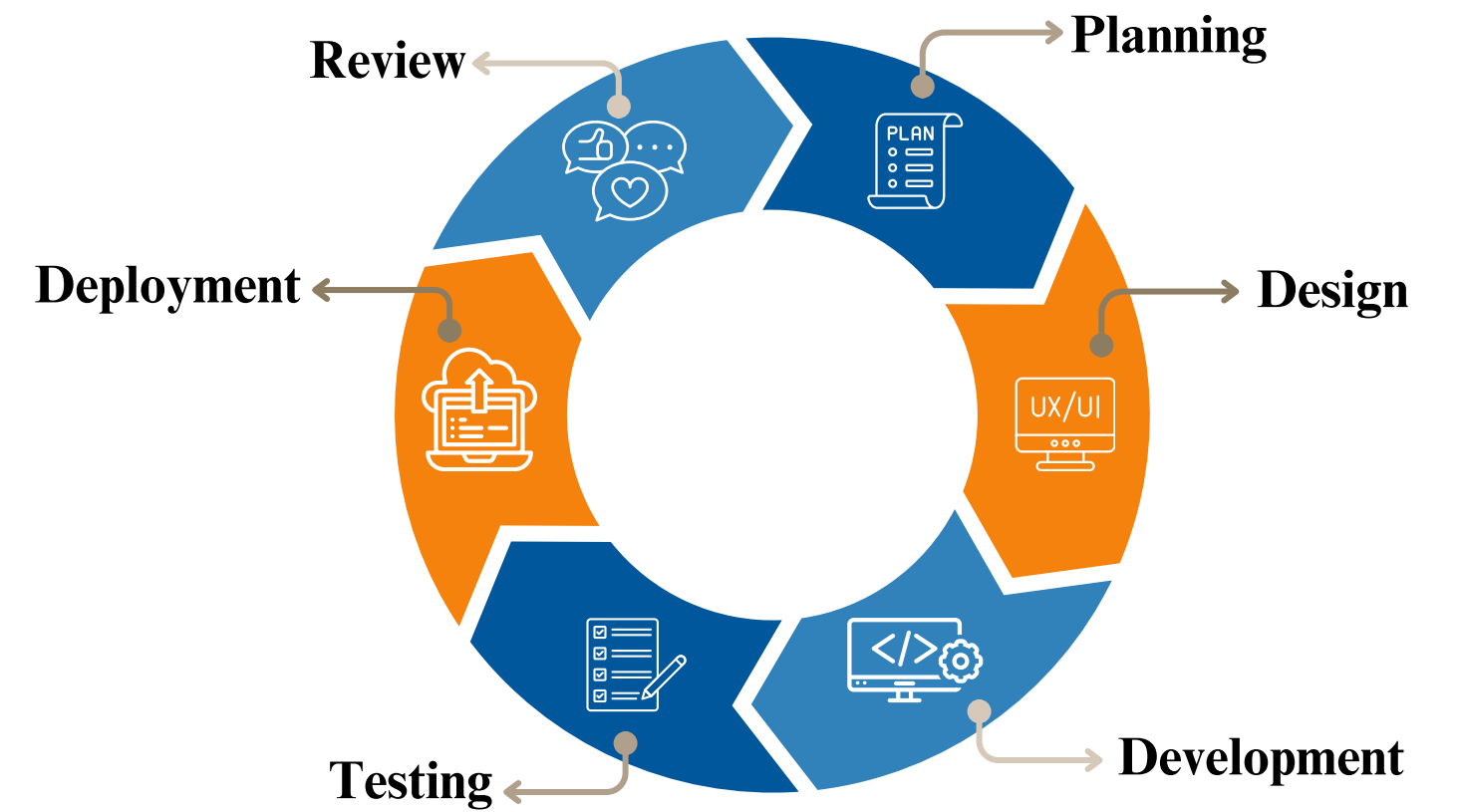
Information System Department, Umm Al-Qura University, Project ID: GP_23:24_FS_09

Abstract

The construction and building process can be complex and inefficient, with communication barriers and fraudulent activities. To address these issues, a new application has been developed to streamline the process and improve efficiency. The application facilitates communication between clients, contractors, and suppliers, aiming to reduce fraud and enhance workflow efficiency. It allows clients to select designs and materials virtually and assists in calculating project prices. By promoting transparency and collaboration, the application has the potential to revolutionize the construction industry and improve project outcomes, leading to increased customer satisfaction.

Methodology

Agile Method:



Objectives



The contractor enhances the efficiency of project execution by using the application



Increase suppliers' business prospects by showcasing their products and services in the application



Facilitating the process of building projects



Providing a simulation of the construction process through the virtual room

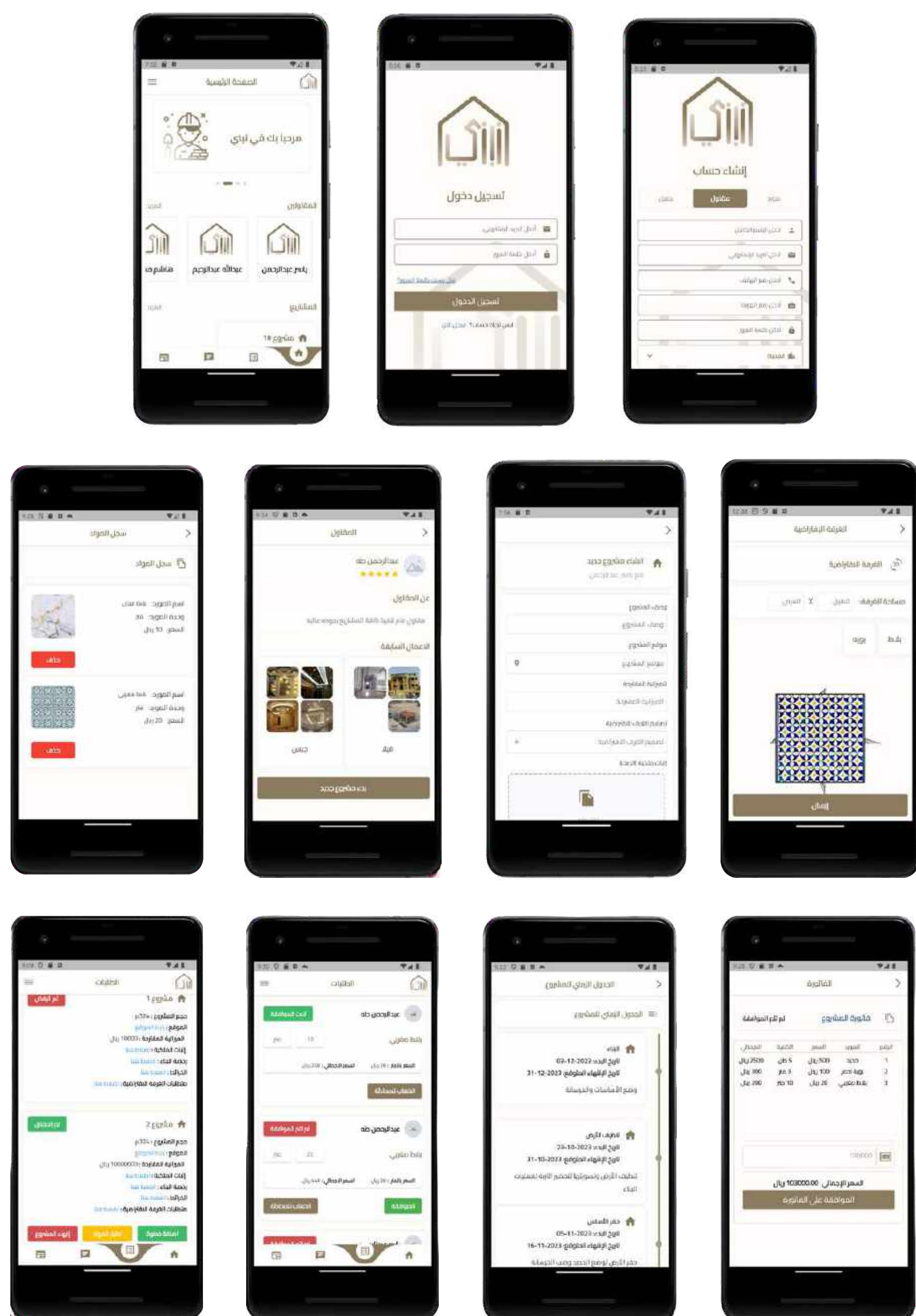


Building the project according to a specific or open budget

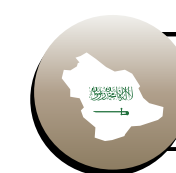
Tools



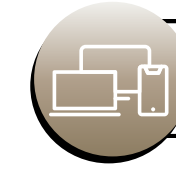
Protolype



Future Work



Available for all regions of Saudi Arabia



Available for all types of phones, tablets, and computers



The customer to view suppliers and their materials and prices and communicate with them directly



Enabling engineering offices to register their services



Application earns percentage from each project, offers subscription for contractors.

Conclusion

We hope that our application will benefit everyone who has a construction project, contractors and suppliers, and we look forward to developing it

Contact

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NabniApp

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