

**Title:** Constructo App: A multi-platform Android Application and Web Application using Single Page Architecture for Ordering Building Materials

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## **EXECUTIVE SUMMARY**

Constructo Application is a Multi-platform Single page architecture Capstone Project that empowers users to experience a more efficient way of finding construction materials and comparing prices to different stores utilizing the android and web versions of the system. The application enhances the capability of the store user to showcase individual detailed products and accommodate orders regardless to the number of product materials. Moreover, the study addresses the identified issue of the general processes of acquiring product materials which includes the problem of having a hard time in finding construction materials, making a list of ordered products, canvassing product prices and inquiring products information. Further to the development phase of the system applications, researchers used Agile Scrum Methodology, classifying the sprints needed for identifying the possible problems, proofs and solutions to the constraints of the modern processes. Results regarding compatibility issues were provided in the later part of the document revealing the web and android versions that only supports the modern technology components implemented to the system applications.

**keywords:** Android, World Wide Web, Real-time, Single Page Architecture, E-commerce Portal