UNIVERSITY OF WESTMINSTER▦

INFORMATICS INSTITUTE OF TECHNOLOGY

INFORMATICS INSTITUTE OF TECHNOLOGY
In Collaboration with
UNIVERSITY OF WESTMINISTER (UOW)

B.Eng. (Hons.) in Software Engineering

Final Year Project Report

For

"Unified User Interface Language"

By

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Abstract

Development of Graphical User Interfaces are framed by the technologies and concepts. The adaptation of various applications according to the device screen and the platform is a very important need in the current context of information and technology development with mobile and online interactions. To overcome this problem in the beginning many versions of the same application was developed and due to that time waste was very high, maintenance of all these versions was difficult and expensive. Hybrid frameworks are used to overcome this problem. But still the conflicts were not properly and totally solved. By taking these problems into consideration, a common unified user interface language for all the types of devices which will enable the UI to adapt according to the screen size and the operating system will be introduced at the end of this project.

Key words: User Interface, Language, Cross Platform, Screen layouts, Screen size, Operating System, Mobile Device