General Purpose Hardware Abstraction Layer for Mobile Application Development

Research Type: M.Sc.
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Research Theme: Embedded Systems.
Department: Dept. of Computer Engineering.

Context:

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Subject: The most difficult task of mobile application development is testing due to the tremendous diversity of handsets in the market. Writing portable programs considering this hardware diversity is also quite difficult. This project aims at developing an abstraction layer that will help developers with creating more portable programs. Similar approaches exist in the literature [1]. This abstraction layer is also expected to facilitate the testing phases. Information about mobile devices will be imported from WURFL device repository [2].

Required background: Candidates must have an engineering diploma in computer or electronics.

References:
