Abstract
The aim of this thesis project is to create an application prototype of a basic mobile browser which supports plug-ins. The main benefit of this project is to support users in navigating through websites with no WAP support. With this thesis, the author wants to prove an overall architecture of rich client where the whole application prototype is put in the mobile devices. This application prototype was devoted for experts that able to reuse the application and documentation for further research or study.

The result of this thesis is an application prototype of basic browser for J2ME based mobile device with default plug-in of HTML to WML converter that fulfill the requirements stated in the introduction part. This browser receives input of HTML, parse it to WML through the plug-in, and parse the resulted WML into the screen of mobile device.

At the conclusion, the application has managed to give prove of HTML to WML converter and plug-in supports.

Keywords
Mobile web, mobile device, browsers, J2ME, WML, WAP, HTML, plug-in.