



Faculty of Applied Sciences

Computer Science Department

| 4013135* | ary | NAVIGATION SYSTEM EMULATOR USING JAVA | | |
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This research project is submitted in partial fulfillment of the requirements of Bachelor of Science (Hons) degree in Computer Science

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Abstract

Maps have played an instrumental role to industry and commerce even well before the Computer Age. Sailors used maps to keep track of their movements across oceans thereby facilitating trade among nations. Today, digital maps can be integrated with satellite technology, mobile devices and network technology to produce Navigation Systems. Navigation Systems enables maps to be integrated into business applications to provide clients information relating to particular locations. Navigation Systems have also been integrated into vehicles where they provide real time information about the state of the road and directions to the driver. Thanks to recent innovations in wireless networks, GPS receivers, and general web technology, mapping is becoming cheaper and more flexible. Mapping applications are becoming so popular that they will one day become a part of every software platform.