



SDSU
presents
a thesis defense for
Master of Science
degree in
Computer Science

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GMCS 405

Rahul Swamy

Afghanistan – History and Beyond

Abstract

A human mind is inquisitive, always striving to learn about the world and its entities. Today the world has close to 206 countries each with its own history, culture and people. This tool is one such attempt to please the inquisitive mind of Afghanistan. The tool is a GIS application that focuses on educating the user of Afghanistan's war history and also throws some insight on its people.

The timeline for this thesis was set from 1879 to 1990 which ranges from Barakzai Dynasty to the soviet invasion. Maps are used judiciously to show battles during the British invasion. Maps that show roads, rivers, lakes and provinces are incorporated into the tool to give an overview of the present scenario in Afghanistan. The user has options to filter this data by using the timeline and a filtering tool.

To quench the users need for more information, HTML pages are used judiciously. HTML pages are embedded in key events to provide detailed insight into these events with the help of pictures and videos.

An intuitive slider is used to show the important people who played a significant role in Afghanistan. The user interface was made intuitive and easy to use keeping in mind the novice user. A help menu is provided to guide the user on the tool.

Thesis Committee

Carl Eckberg, Thesis Chair, Department of Computer Science
Robert Edwards, Department of Computer Science
Carmelo Interlando, Department of Mathematics & Statistics