

## **Utilizing Mobile Mapping in Navigating Historical Locations:**

### **Hijrah Route as a Case Study**

Prof. Abdullah Alkadi

Vice President for Development, Studies and Community Services

Imam Abdulrahman Bin Faisal University

Kingdom of Saudi Arabia

Abdullah Alkadi aalkadi@uod.edu.sa

### **Abstract**

Historical locations are very important and essentials to many people who are in the field of history, geography, planning, archeology, economics, and etc. Historical locations are scattered all over the globe including the two major religious cities Makkah and Madinah. In Makkah and Madinah, there are historical locations and routes. There are only few people who know those historical locations and routes. As a result, the technology of the mobile mapping is utilized in order to help in locating those historical locations and routes. An app was developed to help laymen in finding the historical locations and routes.

The Hijrah Route is taken as a case study to test the app.



### **Biography:**

Prof Abdullah Alkadi received his B. Sc. in Architecture and Planning from King Faisal University, Dammam, Saudi Arabia. Then, he joined Portland State University, Portland, U.S.A. He finished his Ph. D. Degree in Urban and Regional Planning. Dissertation title: "Hedonic Analysis of Housing Prices Near The Portland Urban Growth Boundary, 1987-1990," 1994.

He has a wide spectrum of interests starting from overall Strategic and Policy Planning issues to technical and detailed design and program and project implementation issues., including the following areas: Planning and Housing Strategies, Land Use Planning, Growth Management, Urban Planning Legislations, Planning Methods and Techniques, Housing, Affordable Housing, Statistical Analysis, Geographic Information Systems (GIS), eServices, and Surveying and Mapping.Gained a very rich administrative experience required to sustain academic and civil

society public institutions through holding several posts in King Faisal University and Public Sector agencies includ ing: Over the past ten years he has conducted more than 50 academic research expeditions and travelled more than 96,000 kilometers over a total of approximately180 days.