

INDOOR: Indoor Positioning Android Application For UQU-Female Campus



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INTRODUCTION

The current approach to find place inside building has two problems:

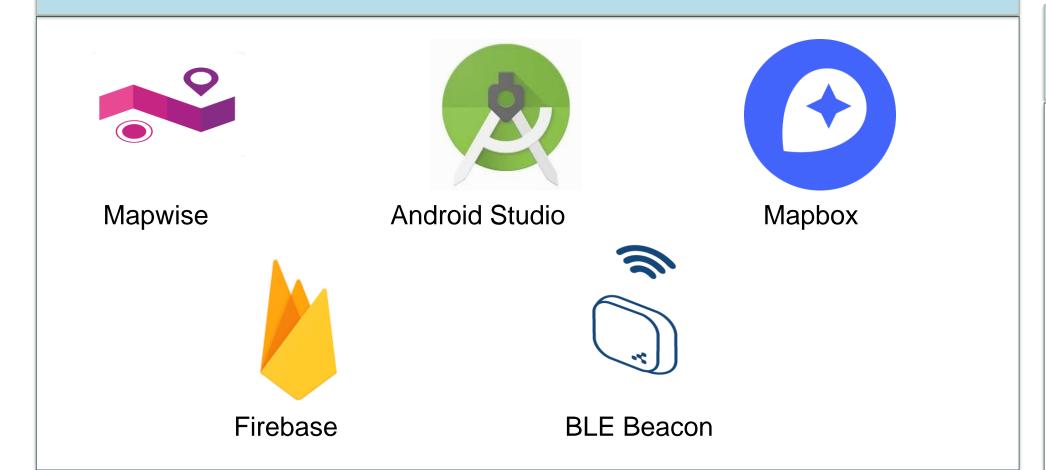
- The global positioning system GPS is not suitable to establish indoor locations.
- It is difficult to find destination from the first time at the university and expect the shortest path. The indoor positioning system (**IPS**) is a solution to locate objects and people inside buildings. We will develop an indoor positioning system (**IPS**) for UQU university to helps and guides users to reach

OBJECTIVES

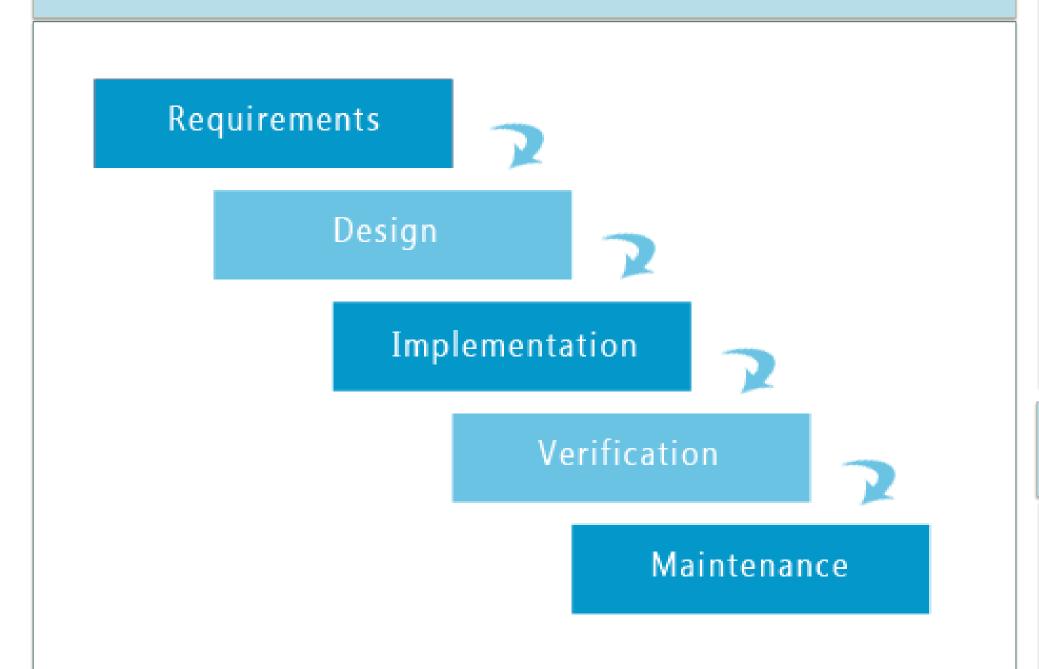
Guiding users of the app to reach their destinations inside the university buildings and helping them to save their time and effort.

their destinations within the university buildings.

TOOLS



METHODOLOGY



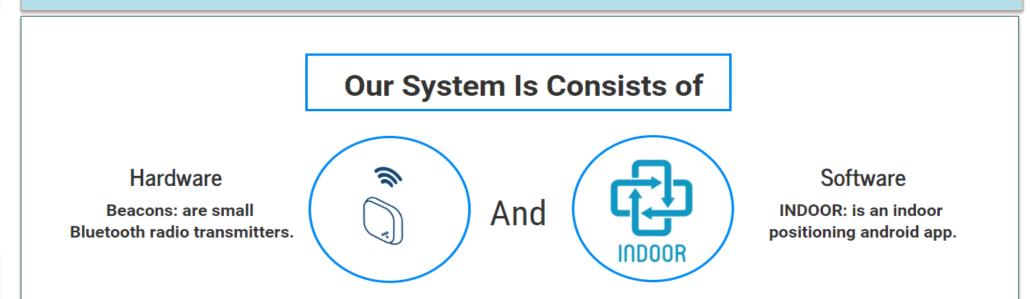
CONCLUSION AND FUTURE WORK

This application will make the users:

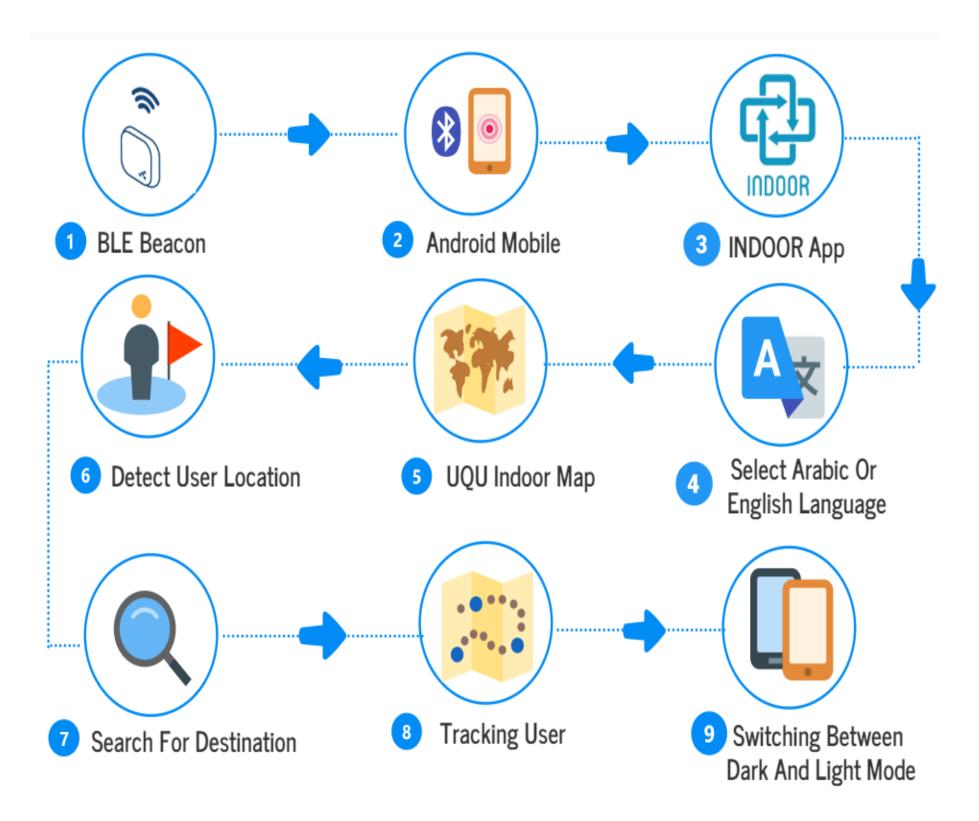
Select English or Arabic language, search for any place within the university, and switching between dark and light mode.

And in the future: we will apply the app in (IOS), add voice over and provide sharing location.

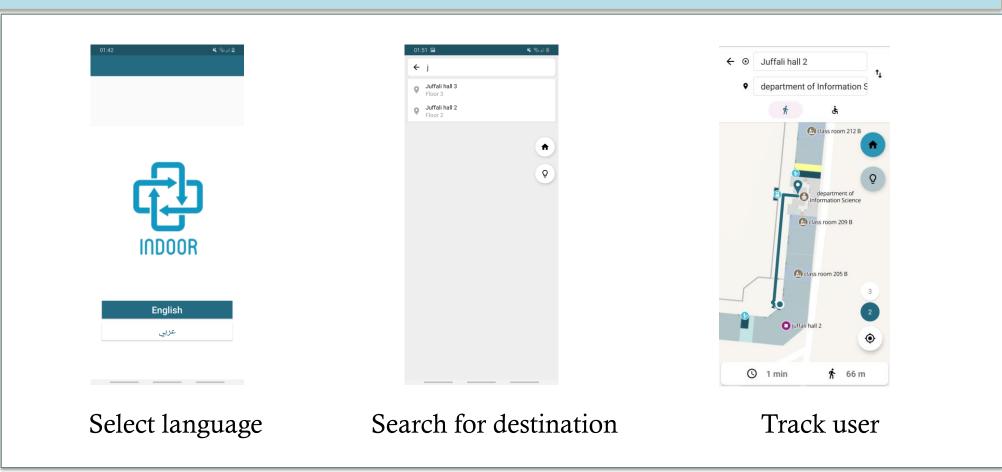
STRUCTURE OF THE SYSTEM



HOW THE APP WORKS



APPLICATION INTERFACES



REFRENCES AND CONTACT INFORMATION



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