



ABSTRACTS: VOLUME 5, SPECIAL ISSUE

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Plantscape Application Built by a Palestinian Student of Pharmaceutical Data for Palestinian Plants

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Background: A group of particular plants of Palestine were supplied with information to generate a database for the program, which is concerned with photo entry, then the app detects the particular plant from the database and informs user with its pharmaceutical information. The plants were selected according to the availability in the surrounding environment in overall Palestine region depending on the anthropological rather than medical sources.

Objectives:To create an easy way to distinguish between Palestinian herbs focusing on pharmaceutical component.

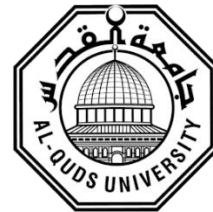
Methods: The assessment criteria included two different strategies for establishing the app focusing on : The pharmaceutical supply for all the plants existing, and the technology part to put the pharmaceutical information in a database and programming the app to inform user with it according to orders given to the app.

Results: After processing the entered image, the program produces for this image an ID, a comparison tool compares this ID with all the IDs stored on the database, and if it finds an ID that is 96% similar to it, in this case the system will have discovered the identity of the plant, but if No similarity is 96% with any ID The result will be negative.

Conclusion: App related to plant identification can be developed on the photo , then inform user with the pharmaceutical information



PalStudent Journal
A Palestinian Scientific Journal for the Youth



Keywords: Plants, pharmaceutical, plant indication, drugs, clinical toxicity, contraindicating ,
adverse effect, toxicology.

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