Mansoura University
Faculty of Computers and
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Department of Computer Science

PROJECT PROPOSAL

سرطان الجلد

Skin cancer

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PROJECT **ABSTRACT**:

Skin cancer : the abnormal growth of skin cells most often develops on skin exposed to the sun. But this common form of cancer can also occur on areas of your skin not ordinarily exposed to sunlight

There are three major types of skin cancer : basal cell carcinoma, squamous cell carcinoma and melanoma.

You can reduce your risk of skin cancer by limiting or avoiding exposure to ultraviolet (UV) radiation , Checking your skin for suspicious changes can help detect skin cancer at its earliest stages the Early detection of skin cancer gives you the greatest chance for successful skin cancer treatment.

PROJECT **OBJECTIVE** :

Project will help to discover skin cancer early with the help of machine learning that user can upload picture of his skin and application will tell him of his disease rate , application helps the user to know the type of skin cancer he has

WHO ARE THE PROJECT **COMPETITIVE?** AND HOW WILL YOUR PROJECT BE **DIFFERENT?**

Competitors:
National Cancer Institute. Skin Cancer. 2013. 16 March 2013.
Rockoff, Alan. Skin Cancer. 2013. 16 March 2013.
Drugs of Today 41.5 (2005): 37–53.
Swetter, Susan M. Cutaneous Melanoma. 2012. 16 March 2013.
Differences:
project provide high accuracy to detect skin cancer in its first stages ,that application will take picture of user skin and tell him percentage of his disease rate through the help of machine learning and Image processing.

TOOLS, HARDWARE AND SOFTWARE RESOURCES:

Tools :-
 machine learning , image processing , k-means clustering algorithm.
Software:-
  Android studio , visual studio
Hardware:-

SCHEDULING PHASES:

From	To	Activity

REFERENCES:

Read more at: https://www.wowessays.com/free-samples/example-of-skin-cancer-research-paper/

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IJRTI (ijcrt.org)

Research Papers About Skin Cancer | WOW Essays

Skin cancer - Symptoms and causes - Mayo Clinic

Skin Cancer Detection: A Review Using Deep Learning Techniques - PubMed (nih.gov)