

Why screen for skin cancer?

Studies show that screening may lead to early identification of cancer and decrease complications including death associated with skin cancer

Actinic Keratosis (Solar Keratosis)

Common lesions on the skin resulting from sun exposure

Non cancerous but can transform to squamous cell carcinoma

South Florida has highest incidence rates of nonmelanoma skin ca and actinic keratosis (Nestor, M. & Zarraga, M., 2012)

10% of Actinic Keratosis lesions transform to squamous cell carcinoma (malignant complications include death)

Precise estimation of the total is not possible as it is not a reportable condition but it was estimated that 2,152,500 persons were treated for nonmelanoma skin cancers in 2006.

Wagner RF, Casciato DA: Skin cancers. In: Casciato DA, Lowitz BB, eds.: Manual of Clinical Oncology. 4th ed. Philadelphia, Pa: Lippincott, Williams, and Wilkins, 2000, pp 336-373.

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Our Application Will

Allow for easy and thorough photographic monitoring of actinic keratosis lesions

Allow to health professionals to access this data through the electronic health records

Allowing for quick identification and rapid treatment to prevent complication associated with cancer



- Phone home screen
- Start Skin App



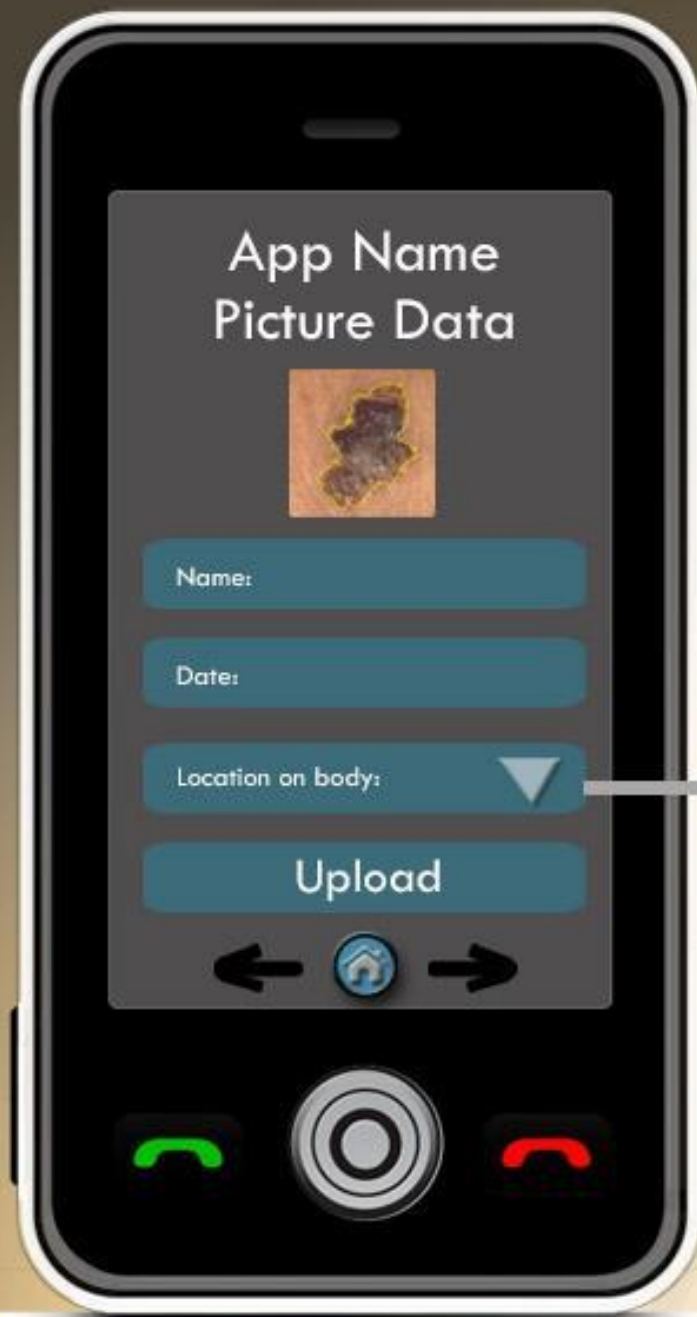
- Create a login for first time users of the app
- Login for returning users
- Access to whole profile, pictures, databases, doctor information
- Provides security



- Main app menu
- Options include:
 - Take a new picture
 - Tracking progress/history
 - Links to external resources



- Take a picture using built in device camera
- Save to internal memory



Associated Symptoms

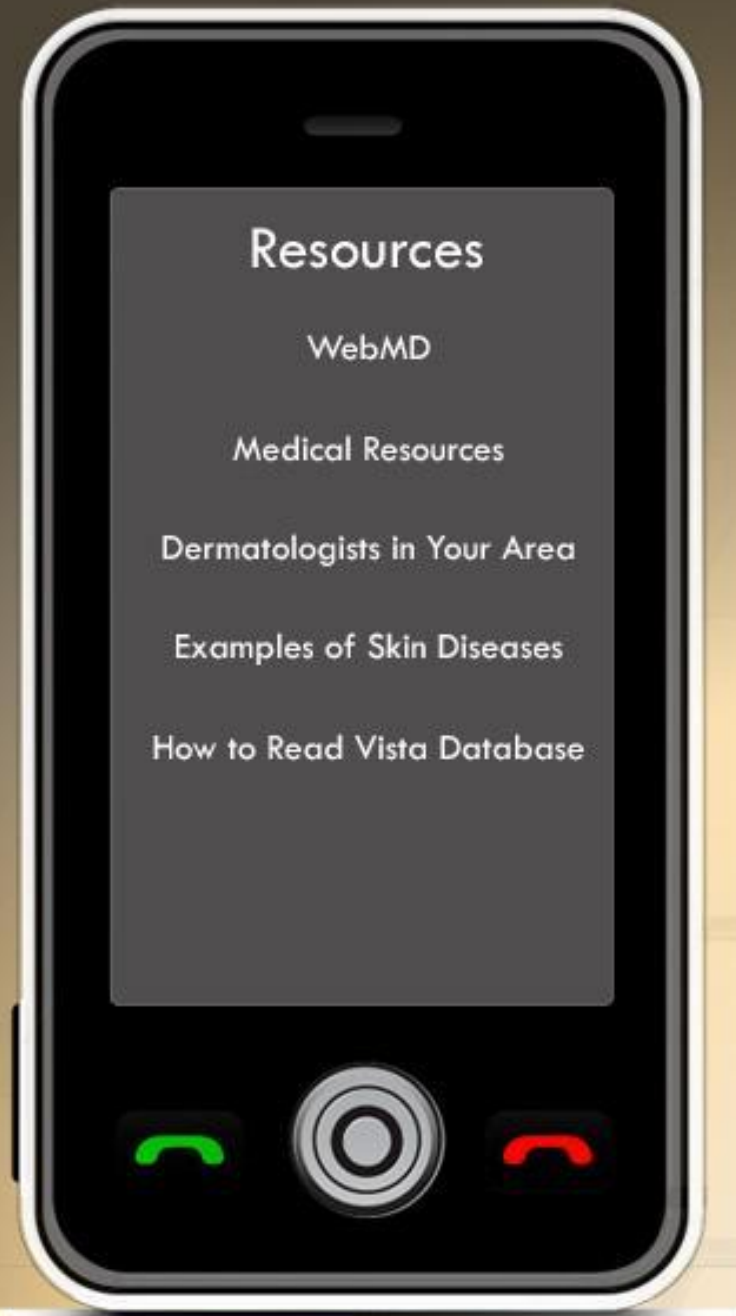
- | | |
|---------------------------------|---|
| <input type="checkbox"/> Scaly | <input type="checkbox"/> Itchy |
| <input type="checkbox"/> Crusty | <input type="checkbox"/> Prickly |
| <input type="checkbox"/> Raised | <input type="checkbox"/> Burning |
| <input type="checkbox"/> Flat | <input type="checkbox"/> Bleeding |
| <input type="checkbox"/> Rough | <input type="checkbox"/> None |
| <input type="checkbox"/> Red | <input type="checkbox"/> Disappear and reappear |
| <input type="checkbox"/> Pink | |
| <input type="checkbox"/> Tan | |



- Picture gallery
- After taking new picture
 - Pop up menu with options for a selected picture
 - Can view and delete pictures
- Sorted by date



- Access VistA information
- Personal and medical information
- Document progress



- External resources
- Links to medical websites
- Find local professionals
- Help and how to's