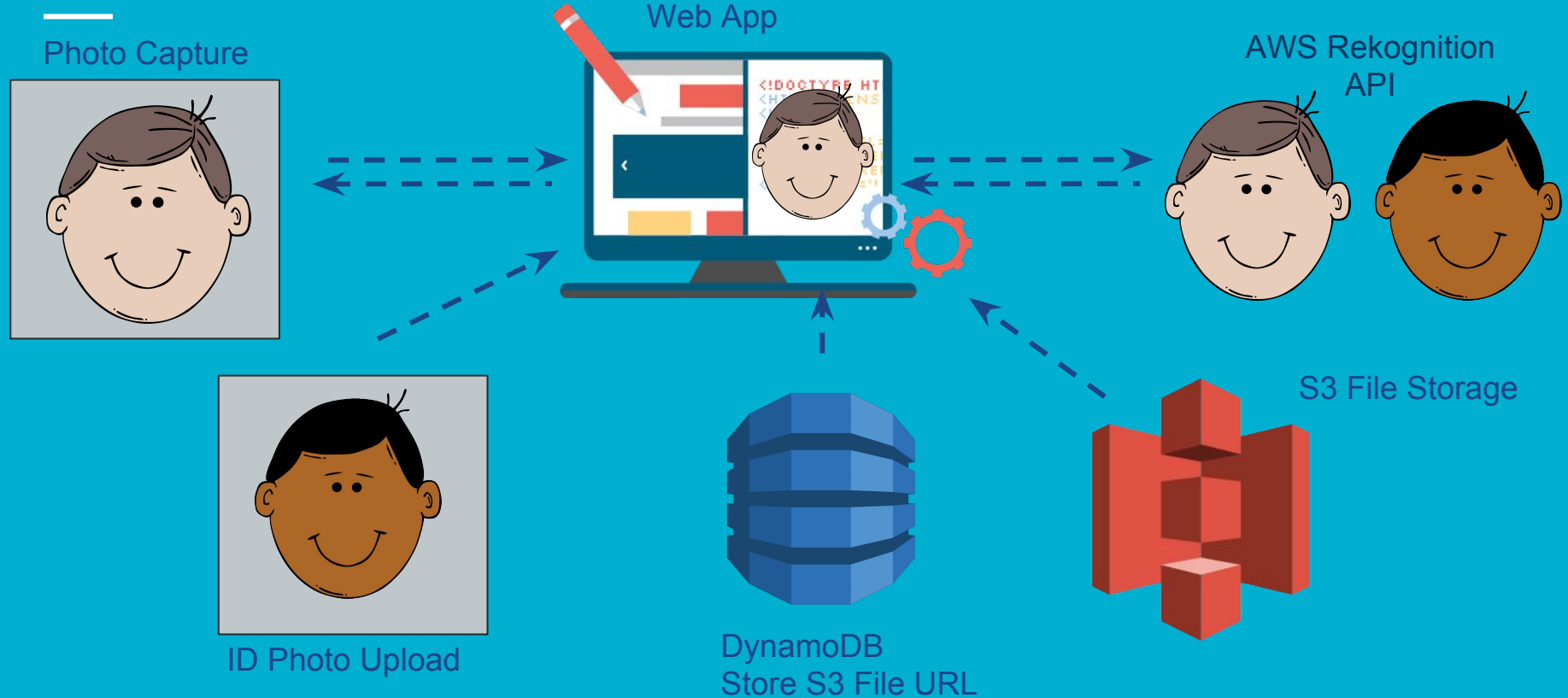


Photo Comparison Web Application

Chu-Yuan Yang Tao Geng

Jing Lu Wei Yao

Architecture



Functions

- Application:
 - Reference photo capture, upload, and storage
 - Live photo capture and upload
 - Face comparison and score calculation
- Amazon S3: Store reference images
- Amazon DynamoDB: Store user identity and reference image URL in
- Amazon Rekognition: Compare live image with a reference image, and return a similarity score



User Interface Design

- JQuery Mobile
- HTML5
- UI friendly cross mobile and desktop web env
- Stream photo take and retake function library
 - JQuery --- WebCam (Flash webcam via JS)
 - JQuery internal photo taking library (x)
 - Mobile Web: photo take
 - Desktop Web: file upload

