

WITNESS APPLICATION WEBSERVICES

TECHNICAL DOCUMENT

VERSION – 1.0

OVERVIEW

Chapter

1

1.1 Purpose of the Document

This document helps to understand the Witness applications core web services components in the system. This document gives the details of the webservices used in the application which will be useful for further integration.

1.2 Audience

This document is targeted for the developers, architects and technical people. It is assumed that the readers have sufficient knowledge of iOS platform,Java, SOA, SOAP and AWS environment.

1.3 Acronym

Abbreviation	Definition
SOA	Service Oriented Architecture
AWS	Amazon Web Services

TECHNICAL DETAILS

Chapter

2

1.4 Webservices Details

Below information explains the webservices used in the application.

Table 1.2: Webservices details:

Following web services are involved in Witness application.

S.NO	Web Service	Definition
1	getComparisonResult	Used to get the comparison results of the two images.
2	getOCRText	Used to get the text of the image passed.

1.6.1. getComparisonResult

Method name - getComparisonResult

Definition of Service:

Service " getComparisonResult " is used to get the comparison results of the two face images.

I/O Data and Error Messages

S.No	Type	Variable Name	Data Type	Mandatory	Definition	Remarks
1	Request					
		userID	String	YES	User ID	
		sourceImg	String	YES	Source Image, Cropped image from ID card	It will be a base64 string
		dstImgOne	String	YES	Users Face image Captured from Camera	It will be a base64 string
2	Response					
		result	String	YES	Returns True/False, which states success or failure of the request.	
		errorCode	String	YES	Error code	
		percentage	String	YES	Percentage of the result.	

1.6.2. getOCRText

Method name - getOCRText

Definition of Service:

Service " getOCRText" is used to get the text of the passed image.

I/O Data and Error Messages

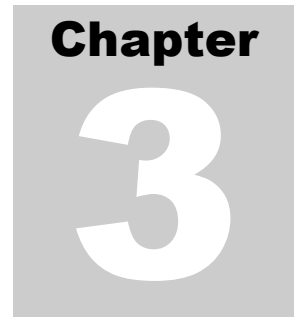
S.No	Type	Variable Name	Data Type	Mandatory	Definition	Remarks
1	Request					
		userID	String	YES	User ID	
		textImg	String	YES	Front Image Of ID card	
		textImgOne	String	YES	Back Image Of ID card	
2	Response					
		Result	String	YES	True/False	
		errorCode	String	YES	Error code	
		detectedText	String	YES	Detected String	

Webservices WSDL URL:

Table 1.3: Webservices URL:

Web Service URL
http://54.76.242.201:8080/witness/services/WitnessWeb?wsdl

CONCLUSION



This document will be helped to proceed further integration with the other server API's and mobile application.