

## Smart Intelligence

### An OCR Engine for Android & iPhone Smart Phone

#### Step-By-Step Progress:

No.	Elapsed time from start (in months) of the project	Milestone	Deliverables	Status/Remarks
1.	3 (1 <sup>st</sup> Aug 2013 to 1 <sup>st</sup> Nov 2013)	Completion of Inception Phase	<ul style="list-style-type: none"><li>• Software Requirements Specification , Design Documents, Use case documents, Literature Review Etc</li></ul>	<b>Received:</b>
Application Requirement Documents and Design Documentation is completed after literature review.				
2.	6 (1 <sup>st</sup> Nov 2013 to 1 <sup>st</sup> Feb 2014)	Image Enhancement ( Noise Removal algorithms etc) in MATLAB	<ul style="list-style-type: none"><li>• MATLAB source code for Image Enhancement</li></ul>	<b>Received:</b>
MATLAB source code is provided for Image Enhancement,				
3.	9 (1 <sup>st</sup> Feb 2014 to 1 <sup>st</sup> May 2014)	Implementation of Feature Extraction algorithms in MATLAB Implementation of Image Enhancement algorithm to Android and iOS compatible platform	<ul style="list-style-type: none"><li>• MATLAB code for Feature Extraction,</li><li>• Smart phone porting of Image Enhancement algorithm</li></ul>	<b>Received:</b>
MATLAB source code for feature extraction and Image Enhancement algorithm is implemented				

successfully.				
4.	12 (1 <sup>st</sup> May 2014 to 1 <sup>st</sup> Aug 2014)	Implementation of Image Classification algorithms in MATLAB Implementation of Feature Extraction algorithm on Android and iOS compatible platforms.	<ul style="list-style-type: none"> <li>• MATLAB Code for Image Classification</li> <li>• Smart phone porting of Feature Extraction algorithm</li> </ul>	<b>Received</b>
MATLAB source code for image classification and feature extraction feature are implemented and submitted.				
5.	15 (1 <sup>st</sup> Aug 2014 to 1 <sup>st</sup> Nov 2014)	Classification and Image pre processing (Image Enhancement and feature extraction) algorithms on Smart phone Platform.  Optimizations in the algorithms by the Image Processing and Pattern Classification Team	<ul style="list-style-type: none"> <li>• Smart phone porting of Image Classification, Image processing and Pattern classification algorithms implemented on Android and iPhone platform for unconstrained document images</li> </ul>	<b>Received</b>
Connected Handwritten is included and classification algorithm are also completed.				
6.	18  (1 <sup>st</sup> Nov 2014 to 1 <sup>st</sup> Feb 2015)	Completion	<ul style="list-style-type: none"> <li>• Android App for  unconstrained OCR</li> <li>• iPhone App for unconstrained OCR</li> <li>• Publication of Research papers in reputed journals</li> </ul>	Received and recommended for final payment by the then project manager.

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		And / or conferences	
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