

## Android Mobile Application Synopsis (Jammu and Kashmir Yellow Pages)

<b>State / Union Territory</b>	<b>Jammu and Kashmir Union Territory</b>
<b>District</b>	JAMMU
<b>Team Members</b>	ONE
<b>Name of Team Members</b>	Sanjay Gupta
<b>Designation</b>	District Informatics Officer Cum Scientist-'E'
<b>Office / Posting</b>	NIC District Centre Jammu
<b>Employee Code</b>	5082
<b>Name of the app (if decided)</b>	Jammu and Kashmir Government Yellow Pages. The project stands discussed with Deputy Commissioner Jammu and has been recommended for development.
<b>Name of department / sector</b>	Android Mobile App is expected to cover all Departments and Sectors in the Jammu and Kashmir Government
<b>Target Audience</b>	Government and General Masses. This Mobile Application will act a ePocket Telephone Directory for every individual.
<b>Objectives</b>	<p>To create a unified interface for contact directory (Government Yellow Pages) across the union territory and across all department and to be accessible to each and every individual across the board. All the Department and Locations shall be provided privilege (user credentials) to add and update the data regularly through a web interface and thus the entire data will be available to everyone on real time basis on web portal as well as on Android Mobile App.</p> <p>This database will also act as a major repository of contact information of all Government Departments and can also be used to contact by authorities and citizens in case of exigencies and especially for District Disaster Management Authorities of all Districts.</p> <p>All the departments are expected to update the data on this portal regularly for precise information to all concerned. At the initial stage the Mobile Application may not have a good architecture but with the the Android and Web Portal shall be upgraded form time to time. IOS version of the App shall also be rolled out after the successful roll out of Android App.</p>
<b>Benefits to the end-user</b>	One stop place to get contact details (Office Name, Office Address, Phone, eMail address and contact person) of all Government Departments and other allied offices of the Government.
<b>Platform / Technology to be used</b>	<ol style="list-style-type: none"> <li>1. XAMARAIN from Microsoft</li> <li>2. RESTFUL APIs for Mobile App development. Mobile app development is proposed to be done in MVVM (Model View Video Model architecture). Web API tokenization also to be incorporated to ensure security of data and also to ensure that the Web API do not remain open and are accessible to all which may cause DoS attack on the WEB APIs.</li> </ol>

	<p>3. ASP.NET MVC for development of Web interface and Management Information System (MIS) with Bootstrap.</p>
<p><b>Any other information you may like to give:</b></p>	<p>The entire project has been divided into three stages keep in view the features of the project.</p> <ol style="list-style-type: none"> <li>1. <b>Web Portal with detailed Management Information System (MIS) for general masses and authenticated users</b></li> <li>2. <b>Android Mobile App.</b></li> <li>3. <b>Secure WEB APIs for secure data accessibility by Mobile App</b></li> </ol> <p>Web Portal and Web APIs are planned to be hosted either at NIC Cloud or in JKSDC Cloud. Security of the web application as well as Web APIs also to be factored in.</p> <p>Fully qualified domain name is proposed to be registered as <a href="https://yellowpages.jammu.gov.in">https://yellowpages.jammu.gov.in</a> or <a href="https://jkyellowpages.nic.in">https://jkyellowpages.nic.in</a>.</p>