PHASE I (Idea Phase) - IDEAS ON FEATURES of the PMO Mobile App

Vision : Stronger Nation through transformation of HUMANGRID into KNOWLEDGEGRID

Objective : To provide a mobile enabled guided interactive Platform for knowledge exchange to progressively build up a comprehensive knowledge bank and in turn facilitate empowerment through the vehicle of collected wisdom.

TEAM approach for App : Technical, Educational, Administrative, Managerial approach with smartness built-in from planning stage.

INPUT-PROCESS-OUTPUT Framework of Mobile App:

INPUT : User Profile
Static Content (Text, Audio, Video)-Govt as knowledge service provider,
Interactive Dynamic Content (Text, Audio, Video) through User participation
On-line Grievance-FIR, Security threat, Corruption
Whistle Blower information for malpractices
User Query

PROCESS : User management
Content management
Query Management,
Response Management
Security management
Grievance management
Payment facilitation
Voting
Quiz & Contest
Search
Analytics & System audit
Text mining.

OUTPUT : General Guidelines for citizens
Domain Specific Guidelines
Do’s & Don’ts
A-Z format Library of subjects/terms
Appeals
Pro-active alerts (Generic/Periodic and Area, Context, Domain, Time specific)
Response to Query
Grievance Redressal Guidance
On-line Interactivity (Audio/Video)-Teleconferencing
Dashboard, maps, Infographics
Inspirational Advice

Presentation: India Map – With Hot Button on State Within Boundaries

1) General Functional Features:
The App should reach out to wide spectrum of user in home and abroad who would play dual role of both contributor and consumer of knowledge and hence should be Multilingual and Disabled friendly.

Since capturable INPUTS as well as deliverable OUTPUTS of the App will progressively grow with wider participation in course of time, the content will grow fast in volume and variety. This need to be supported with scalable supporting Infrastructure and facilities at the back end. This calls for facilitating the inputs in a guided manner at source for a structurally organized content which would render the process of collating and further decision making systematic and convenient for analytics.

2) Capturing Domain specific Inputs:

It is suggested that following features may be incorporated:

1. Main MENU with detailed list of AREAS/SECTORS as listed below:

   SECTORS:

2. On selection of an Item of MAIN MENU respective SUB MENU for each Item of MAIN MENU as described below:

   SUB SECTORS

   AGRICULTURE AND RURAL DEVELOPMENT SECTOR

<table>
<thead>
<tr>
<th>S.NO.</th>
<th>Field Of Suggestion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Agriculture Development Strategy</td>
</tr>
<tr>
<td>2</td>
<td>Agro Industry Development</td>
</tr>
<tr>
<td>3</td>
<td>Credit and institution</td>
</tr>
<tr>
<td>4</td>
<td>Crop protection and insurance</td>
</tr>
<tr>
<td>5</td>
<td>Handicraft and cottage industries</td>
</tr>
<tr>
<td>6</td>
<td>Livestock Management</td>
</tr>
<tr>
<td>7</td>
<td>Pest/Diseases/weed control</td>
</tr>
<tr>
<td>8</td>
<td>Rural infrastructure</td>
</tr>
<tr>
<td>9</td>
<td>Rural markets, storage and preservation</td>
</tr>
</tbody>
</table>
### BANKING AND FINANCE SECTOR

<table>
<thead>
<tr>
<th>S.NO.</th>
<th>Field of Suggestion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Banking</td>
</tr>
<tr>
<td>2</td>
<td>Financial service</td>
</tr>
<tr>
<td>3</td>
<td>Financing of infrastructural projects</td>
</tr>
<tr>
<td>4</td>
<td>Financing of international trades</td>
</tr>
<tr>
<td>5</td>
<td>Foreign exchange markets</td>
</tr>
<tr>
<td>6</td>
<td>International financing</td>
</tr>
<tr>
<td>7</td>
<td>Long term financing</td>
</tr>
<tr>
<td>8</td>
<td>Mutual fund and unit trusts</td>
</tr>
<tr>
<td>9</td>
<td>Non-banking financial services</td>
</tr>
<tr>
<td>10</td>
<td>Stock and securities markets</td>
</tr>
<tr>
<td>11</td>
<td>Venture capital</td>
</tr>
<tr>
<td>12</td>
<td>Unspecified field (specify)</td>
</tr>
</tbody>
</table>

### CONSTRUCTION SECTOR

<table>
<thead>
<tr>
<th>S.NO.</th>
<th>Field of Suggestion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dams and embankments</td>
</tr>
<tr>
<td>2</td>
<td>Godown and warehouses</td>
</tr>
<tr>
<td>3</td>
<td>Housing</td>
</tr>
<tr>
<td>4</td>
<td>Industrial buildings</td>
</tr>
<tr>
<td>5</td>
<td>Infrastructure facilities</td>
</tr>
<tr>
<td>6</td>
<td>Public building</td>
</tr>
<tr>
<td>7</td>
<td>Public utilities and facilities</td>
</tr>
<tr>
<td>8</td>
<td>Roads and bridges</td>
</tr>
<tr>
<td>9</td>
<td>Unspecified field (specify)</td>
</tr>
</tbody>
</table>

### EDUCATION SECTOR
<table>
<thead>
<tr>
<th>S.NO.</th>
<th>Field of Suggestion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Education policy and administration</td>
</tr>
<tr>
<td>2</td>
<td>Educational institutions</td>
</tr>
<tr>
<td>3</td>
<td>Executive development programme</td>
</tr>
<tr>
<td>4</td>
<td>Primary and secondary education</td>
</tr>
<tr>
<td>5</td>
<td>Professional educational</td>
</tr>
<tr>
<td>6</td>
<td>Technical educational</td>
</tr>
<tr>
<td>7</td>
<td>Training and development</td>
</tr>
<tr>
<td>8</td>
<td>University education</td>
</tr>
<tr>
<td>9</td>
<td>Vocational education</td>
</tr>
<tr>
<td>10</td>
<td>Unspecified field(specify)</td>
</tr>
</tbody>
</table>

**ENERGY SECTOR**

<table>
<thead>
<tr>
<th>S.NO.</th>
<th>Field of Suggestion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Bio-mass sector</td>
</tr>
<tr>
<td>2</td>
<td>D.G.sets</td>
</tr>
<tr>
<td>3</td>
<td>Energy conservation</td>
</tr>
<tr>
<td>4</td>
<td>Exploration of energy source</td>
</tr>
<tr>
<td>5</td>
<td>Geothermal power</td>
</tr>
<tr>
<td>6</td>
<td>Hydro power</td>
</tr>
<tr>
<td>7</td>
<td>Non-conventional power</td>
</tr>
<tr>
<td>8</td>
<td>Nuclear power</td>
</tr>
<tr>
<td>9</td>
<td>Solar power</td>
</tr>
<tr>
<td>10</td>
<td>Thermal power (gas)</td>
</tr>
<tr>
<td>11</td>
<td>Thermal power (liquid fuel)</td>
</tr>
<tr>
<td>12</td>
<td>Thermal power (solid fuel)</td>
</tr>
<tr>
<td>13</td>
<td>Transmission of power</td>
</tr>
<tr>
<td>14</td>
<td>Distribution of power</td>
</tr>
<tr>
<td>15</td>
<td>Wind power</td>
</tr>
<tr>
<td>16</td>
<td>Unspecified field(specify)</td>
</tr>
</tbody>
</table>

**ENVIRONMENT SECTOR**

<table>
<thead>
<tr>
<th>S.NO.</th>
<th>Field of Suggestion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Air pollution</td>
</tr>
<tr>
<td>2</td>
<td>Coastal zone management</td>
</tr>
<tr>
<td>3</td>
<td>Ecology</td>
</tr>
<tr>
<td>4</td>
<td>Environmental standards</td>
</tr>
<tr>
<td>5</td>
<td>Forest related environment</td>
</tr>
<tr>
<td>6</td>
<td>Hazardous materials</td>
</tr>
<tr>
<td>7</td>
<td>Historic monuments</td>
</tr>
<tr>
<td>8</td>
<td>Industrial pollution</td>
</tr>
<tr>
<td>9</td>
<td>Marine biology</td>
</tr>
<tr>
<td>S.NO.</td>
<td>Field of Suggestion</td>
</tr>
<tr>
<td>-------</td>
<td>------------------------------------------</td>
</tr>
<tr>
<td>10</td>
<td>Occupational safety and health</td>
</tr>
<tr>
<td>11</td>
<td>Protection of wildlife</td>
</tr>
<tr>
<td>12</td>
<td>Sound pollution</td>
</tr>
<tr>
<td>13</td>
<td>Soil pollution</td>
</tr>
<tr>
<td>14</td>
<td>Topography and geology</td>
</tr>
<tr>
<td>15</td>
<td>Waste management</td>
</tr>
<tr>
<td>16</td>
<td>Water pollution</td>
</tr>
<tr>
<td>17</td>
<td>Unspecified field(specify)</td>
</tr>
</tbody>
</table>

**GOVERNANCE AND ADMINISTRATION**

<table>
<thead>
<tr>
<th>S.NO.</th>
<th>Field of Suggestion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Bilateral institution and agreements</td>
</tr>
<tr>
<td>2</td>
<td>Constitutional law and practice</td>
</tr>
<tr>
<td>3</td>
<td>Defense services</td>
</tr>
<tr>
<td>4</td>
<td>Disaster management</td>
</tr>
<tr>
<td>5</td>
<td>Economy policy</td>
</tr>
<tr>
<td>6</td>
<td>Fiscal management</td>
</tr>
<tr>
<td>7</td>
<td>General administration</td>
</tr>
<tr>
<td>8</td>
<td>International and diplomatic relation</td>
</tr>
<tr>
<td>9</td>
<td>Law and order</td>
</tr>
<tr>
<td>10</td>
<td>Legislative institutions</td>
</tr>
<tr>
<td>11</td>
<td>Public health planning and management</td>
</tr>
<tr>
<td>12</td>
<td>Social security</td>
</tr>
<tr>
<td>13</td>
<td>Unspecified field(specify)</td>
</tr>
</tbody>
</table>

**GEOLOGY AND MINING SECTOR**

<table>
<thead>
<tr>
<th>S.NO.</th>
<th>Field of Suggestion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Exploration</td>
</tr>
<tr>
<td>2</td>
<td>Ferrous minerals</td>
</tr>
<tr>
<td>3</td>
<td>Fuels</td>
</tr>
<tr>
<td>4</td>
<td>Natural gas and oil</td>
</tr>
<tr>
<td>5</td>
<td>Mineral beneficiation</td>
</tr>
<tr>
<td>6</td>
<td>Mining and extraction</td>
</tr>
</tbody>
</table>
### Natural gas and oil

### Non-ferrous minerals

### Non-metallic minerals

### Open cast mining

### Under-ground mining

### Unspecified field (specify)

## HEALTH AND DEMOGRAPHY

<table>
<thead>
<tr>
<th>S.NO.</th>
<th>Field of Suggestion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Census and demographic research and analysis</td>
</tr>
<tr>
<td>2</td>
<td>Family planning and control</td>
</tr>
<tr>
<td>3</td>
<td>Health service research and information system</td>
</tr>
<tr>
<td>4</td>
<td>Healthcare infrastructure</td>
</tr>
<tr>
<td>5</td>
<td>Hospital management</td>
</tr>
<tr>
<td>6</td>
<td>Immunization programme</td>
</tr>
<tr>
<td>7</td>
<td>Maternal and child health</td>
</tr>
<tr>
<td>8</td>
<td>Monitoring evolution research</td>
</tr>
<tr>
<td>9</td>
<td>National planning and policy development</td>
</tr>
<tr>
<td>10</td>
<td>Non-communicable disease control</td>
</tr>
<tr>
<td>11</td>
<td>Occupational health</td>
</tr>
<tr>
<td>12</td>
<td>Primary healthcare</td>
</tr>
<tr>
<td>13</td>
<td>Social insurance</td>
</tr>
<tr>
<td>14</td>
<td>Tropical diseases and vector control</td>
</tr>
<tr>
<td>15</td>
<td>Women’s development programmes</td>
</tr>
<tr>
<td>16</td>
<td>Unspecified field (specify)</td>
</tr>
</tbody>
</table>

## INSURANCE SECTOR

<table>
<thead>
<tr>
<th>S.NO.</th>
<th>Field of Suggestion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Accident insurance</td>
</tr>
<tr>
<td>2</td>
<td>Aviation insurance</td>
</tr>
<tr>
<td>3</td>
<td>Building and infrastructure insurance</td>
</tr>
<tr>
<td>4</td>
<td>Credit insurance</td>
</tr>
<tr>
<td>5</td>
<td>Fire insurance</td>
</tr>
<tr>
<td>6</td>
<td>Hall insurance</td>
</tr>
<tr>
<td>7</td>
<td>Life insurance</td>
</tr>
<tr>
<td>S.NO.</td>
<td>Field of Suggestion</td>
</tr>
<tr>
<td>-------</td>
<td>--------------------------------------</td>
</tr>
<tr>
<td>8</td>
<td>Loss of profit insurance</td>
</tr>
<tr>
<td>9</td>
<td>Marine insurance</td>
</tr>
<tr>
<td>10</td>
<td>Medical insurance</td>
</tr>
<tr>
<td>11</td>
<td>Motor insurance</td>
</tr>
<tr>
<td>12</td>
<td>National calamity insurance</td>
</tr>
<tr>
<td>13</td>
<td>Unspecified field (specify)</td>
</tr>
</tbody>
</table>

**INFORMATION TECHNOLOGY**

<table>
<thead>
<tr>
<th>S.NO.</th>
<th>Field of Suggestion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Data interchange standards</td>
</tr>
<tr>
<td>2</td>
<td>Data processing and conversion</td>
</tr>
<tr>
<td>3</td>
<td>e-learning</td>
</tr>
<tr>
<td>4</td>
<td>Embedded system</td>
</tr>
<tr>
<td>5</td>
<td>Hardware engineer tool and management</td>
</tr>
<tr>
<td>6</td>
<td>Internet and web-based application</td>
</tr>
<tr>
<td>7</td>
<td>It enabled services</td>
</tr>
<tr>
<td>8</td>
<td>Networking</td>
</tr>
<tr>
<td>9</td>
<td>Open system standards</td>
</tr>
<tr>
<td>10</td>
<td>Software and package development</td>
</tr>
<tr>
<td>11</td>
<td>Software engineering tools &amp; management</td>
</tr>
<tr>
<td>12</td>
<td>System integration</td>
</tr>
<tr>
<td>13</td>
<td>Unspecified field (specify)</td>
</tr>
</tbody>
</table>

**LAW AND REGULATION SECTOR**

<table>
<thead>
<tr>
<th>S.NO.</th>
<th>Field of Suggestion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Arbitration</td>
</tr>
<tr>
<td>2</td>
<td>Industrial relation</td>
</tr>
<tr>
<td>3</td>
<td>Intellectual property rights</td>
</tr>
<tr>
<td>4</td>
<td>International legal system</td>
</tr>
<tr>
<td>5</td>
<td>Judicial institutions and administration</td>
</tr>
<tr>
<td>6</td>
<td>Legal enforcement</td>
</tr>
<tr>
<td>7</td>
<td>Regulatory institutions and framework</td>
</tr>
<tr>
<td>8</td>
<td>Unspecified field (specify)</td>
</tr>
</tbody>
</table>

**LIFE SCIENCES**

<table>
<thead>
<tr>
<th>S.NO.</th>
<th>Field of Suggestion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Basic research</td>
</tr>
<tr>
<td>2</td>
<td>Bio-informatics</td>
</tr>
<tr>
<td>3</td>
<td>Biological control systems</td>
</tr>
<tr>
<td>4</td>
<td>Contraceptives and drugs</td>
</tr>
<tr>
<td>5</td>
<td>Genetics</td>
</tr>
<tr>
<td>6</td>
<td>Livestock breeding and productivity</td>
</tr>
<tr>
<td>7</td>
<td>Microbiology and bio-technology</td>
</tr>
<tr>
<td>8</td>
<td>Unspecified field (specify)</td>
</tr>
</tbody>
</table>
## MANUFACTURING SECTOR

<table>
<thead>
<tr>
<th>S.NO.</th>
<th>Field of Suggestion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Alcoholic drinks</td>
</tr>
<tr>
<td>2</td>
<td>Automobiles and ancillaries</td>
</tr>
<tr>
<td>3</td>
<td>Chemical and petrochemicals</td>
</tr>
<tr>
<td>4</td>
<td>Computer and IT products</td>
</tr>
<tr>
<td>5</td>
<td>Construction equipments</td>
</tr>
<tr>
<td>6</td>
<td>Consumer durable products</td>
</tr>
<tr>
<td>7</td>
<td>Consumer electronics</td>
</tr>
<tr>
<td>8</td>
<td>Consumer non-durable products</td>
</tr>
<tr>
<td>9</td>
<td>Drugs and pharmaceuticals</td>
</tr>
<tr>
<td>10</td>
<td>Edible oil</td>
</tr>
<tr>
<td>11</td>
<td>Electrical equipments and apparatus</td>
</tr>
<tr>
<td>12</td>
<td>Engineering industries</td>
</tr>
<tr>
<td>13</td>
<td>Ferrous metals</td>
</tr>
<tr>
<td>14</td>
<td>Instrumentation and controls</td>
</tr>
<tr>
<td>15</td>
<td>Leather products</td>
</tr>
<tr>
<td>16</td>
<td>Manmade and synthetic fibers</td>
</tr>
<tr>
<td>17</td>
<td>Medical equipments</td>
</tr>
<tr>
<td>18</td>
<td>Non-ferrous metal</td>
</tr>
<tr>
<td>19</td>
<td>Non-metallic minerals based products</td>
</tr>
<tr>
<td>20</td>
<td>Paints and dyes</td>
</tr>
<tr>
<td>21</td>
<td>Paper and wood-based products</td>
</tr>
<tr>
<td>22</td>
<td>Petroleum products</td>
</tr>
<tr>
<td>23</td>
<td>Personal care products</td>
</tr>
<tr>
<td>24</td>
<td>Polymers and plastics</td>
</tr>
<tr>
<td>25</td>
<td>Processed and semi-processed foods</td>
</tr>
<tr>
<td>26</td>
<td>Rubber products</td>
</tr>
<tr>
<td>27</td>
<td>Soap and detergents</td>
</tr>
<tr>
<td>28</td>
<td>Soft drink and beverages</td>
</tr>
<tr>
<td>29</td>
<td>Sugar and sweetener</td>
</tr>
<tr>
<td>30</td>
<td>Telecom equipments</td>
</tr>
<tr>
<td>31</td>
<td>Textiles yarn and garments</td>
</tr>
<tr>
<td>32</td>
<td>Transport equipments</td>
</tr>
<tr>
<td>33</td>
<td>Unspecified field (specify)</td>
</tr>
</tbody>
</table>

## MANAGEMENT

<table>
<thead>
<tr>
<th>S.NO.</th>
<th>Field of Suggestion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Accounting</td>
</tr>
<tr>
<td>2</td>
<td>Financial and credit management</td>
</tr>
<tr>
<td>3</td>
<td>Human resource management</td>
</tr>
<tr>
<td>4</td>
<td>Industrial relation management</td>
</tr>
<tr>
<td>5</td>
<td>Logistics management</td>
</tr>
<tr>
<td>6</td>
<td>Maintenance management</td>
</tr>
<tr>
<td>7</td>
<td>Marketing management</td>
</tr>
<tr>
<td>S.NO.</td>
<td>Field of Suggestion</td>
</tr>
<tr>
<td>-------</td>
<td>-----------------------------------</td>
</tr>
<tr>
<td>1</td>
<td>Basic research</td>
</tr>
<tr>
<td>2</td>
<td>Chemical technology</td>
</tr>
<tr>
<td>3</td>
<td>Information technology</td>
</tr>
<tr>
<td>4</td>
<td>Metallurgical technology</td>
</tr>
<tr>
<td>5</td>
<td>Nuclear technology</td>
</tr>
<tr>
<td>6</td>
<td>Intellectual property and patenting</td>
</tr>
<tr>
<td>7</td>
<td>Research and development</td>
</tr>
<tr>
<td>8</td>
<td>Scientific application</td>
</tr>
<tr>
<td>9</td>
<td>Standardization</td>
</tr>
<tr>
<td>10</td>
<td>Technology development</td>
</tr>
<tr>
<td>11</td>
<td>Technology development institution</td>
</tr>
<tr>
<td>12</td>
<td>Technology transfer</td>
</tr>
<tr>
<td>13</td>
<td>Testing and laboratories</td>
</tr>
<tr>
<td>14</td>
<td>Unspecified field(specify)</td>
</tr>
</tbody>
</table>

**Security**

<table>
<thead>
<tr>
<th>S.NO.</th>
<th>Field of Suggestion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Physical Security</td>
</tr>
<tr>
<td>2</td>
<td>Information Security</td>
</tr>
<tr>
<td>3</td>
<td>Unspecified(Specify)</td>
</tr>
</tbody>
</table>

**TRADE AND BUSINESS SECTOR**

<table>
<thead>
<tr>
<th>S.NO.</th>
<th>Field of Suggestion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>common markets</td>
</tr>
<tr>
<td>2</td>
<td>e-commerce</td>
</tr>
<tr>
<td>3</td>
<td>Exports of goods</td>
</tr>
<tr>
<td>S.NO.</td>
<td>Field of Suggestion</td>
</tr>
<tr>
<td>-------</td>
<td>-------------------------------------</td>
</tr>
<tr>
<td>1</td>
<td>Data transmission systems</td>
</tr>
<tr>
<td>2</td>
<td>networking</td>
</tr>
<tr>
<td>3</td>
<td>Telecom cables and optic fibers</td>
</tr>
<tr>
<td>4</td>
<td>Satellite communication systems</td>
</tr>
<tr>
<td>5</td>
<td>Switching system</td>
</tr>
<tr>
<td>6</td>
<td>Transmission systems</td>
</tr>
<tr>
<td>7</td>
<td>Unspecified field (specify)</td>
</tr>
</tbody>
</table>

**TOURISM SECTOR**

<table>
<thead>
<tr>
<th>S.NO.</th>
<th>Field of Suggestion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Archeology and museums</td>
</tr>
<tr>
<td>2</td>
<td>Entertainment parks</td>
</tr>
<tr>
<td>3</td>
<td>Food and beverage management</td>
</tr>
<tr>
<td>4</td>
<td>Heritage preservation and management</td>
</tr>
<tr>
<td>5</td>
<td>Hotels, inn and resorts</td>
</tr>
<tr>
<td>6</td>
<td>Infrastructure tourism</td>
</tr>
<tr>
<td>7</td>
<td>Range and wildlife management</td>
</tr>
<tr>
<td>8</td>
<td>Unspecified field (specify)</td>
</tr>
</tbody>
</table>

**TRANSPORT SECTOR**

<table>
<thead>
<tr>
<th>S.NO.</th>
<th>Field of Suggestion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Air ports</td>
</tr>
<tr>
<td>2</td>
<td>Air transportation</td>
</tr>
<tr>
<td>3</td>
<td>Bridges</td>
</tr>
<tr>
<td>4</td>
<td>Bulk handling</td>
</tr>
<tr>
<td>S.NO.</td>
<td>Field of Suggestion</td>
</tr>
<tr>
<td>-------</td>
<td>--------------------------------------</td>
</tr>
<tr>
<td>5</td>
<td>Inland waterways</td>
</tr>
<tr>
<td>6</td>
<td>Multi-modal transport</td>
</tr>
<tr>
<td>7</td>
<td>Offshore facility</td>
</tr>
<tr>
<td>8</td>
<td>Ports</td>
</tr>
<tr>
<td>9</td>
<td>Railways</td>
</tr>
<tr>
<td>10</td>
<td>Roads and highways</td>
</tr>
<tr>
<td>11</td>
<td>Shipping</td>
</tr>
<tr>
<td>12</td>
<td>Unspecified field(specify)</td>
</tr>
</tbody>
</table>

**URBAN DEVELOPMENT**

<table>
<thead>
<tr>
<th>S.NO.</th>
<th>Field of Suggestion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Building standards and regulations</td>
</tr>
<tr>
<td>2</td>
<td>Construction methods and materials</td>
</tr>
<tr>
<td>3</td>
<td>Municipal engineering</td>
</tr>
<tr>
<td>4</td>
<td>Public transport operations</td>
</tr>
<tr>
<td>5</td>
<td>Slum upgrading programs</td>
</tr>
<tr>
<td>6</td>
<td>Small-scale enterprise financing</td>
</tr>
<tr>
<td>7</td>
<td>Sustainable development</td>
</tr>
<tr>
<td>8</td>
<td>Town planning</td>
</tr>
<tr>
<td>9</td>
<td>Urban development models</td>
</tr>
<tr>
<td>10</td>
<td>Urban policies</td>
</tr>
<tr>
<td>11</td>
<td>Urban transport management</td>
</tr>
<tr>
<td>12</td>
<td>Unspecified field(specify)</td>
</tr>
</tbody>
</table>

**WATER MANAGEMENT**

<table>
<thead>
<tr>
<th>S.NO.</th>
<th>Field of Suggestion</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dams and reservoirs</td>
</tr>
<tr>
<td>2</td>
<td>Desalination</td>
</tr>
<tr>
<td>3</td>
<td>Pipelines</td>
</tr>
<tr>
<td>4</td>
<td>Pumping stations</td>
</tr>
<tr>
<td>5</td>
<td>Sanitation management</td>
</tr>
<tr>
<td>6</td>
<td>Sewage collection treatment and recycling</td>
</tr>
<tr>
<td>7</td>
<td>Solid waste</td>
</tr>
<tr>
<td>8</td>
<td>Strom drainage</td>
</tr>
<tr>
<td>9</td>
<td>Water distribution</td>
</tr>
<tr>
<td>10</td>
<td>Water pollution control</td>
</tr>
<tr>
<td>11</td>
<td>Water recycling and re-use</td>
</tr>
<tr>
<td>12</td>
<td>Water resource assessment and development</td>
</tr>
<tr>
<td>13</td>
<td>Water storage and treatment</td>
</tr>
<tr>
<td>14</td>
<td>Water supply and distribution</td>
</tr>
<tr>
<td>15</td>
<td>Unspecified field(specify)</td>
</tr>
</tbody>
</table>
3. Provision for uploading supporting document, for developing repository and analysis

4) Menu Structure for providing inputs under different fields:

The most common and general framework for capturing such knowledge has been conceived as:

1) Context
2) Field of knowledge
3) Area of applicability
4) Statement of problem
5) Diagnosis-cause of problem
6) Sources referred for finding solution
7) Statement of Solution
8) Details of practical implementation of solution
9) Benefit of solution
10) Impact across other field/areas

3) The sub menus under the above menu items may be following:

Context : Individual/Personal, family, neighborhood, society,
          Country, continental, global.
Field : Education, technology, industry, business, administration,
       Politics, art, culture, sports, music, Ethics & Values
Area of Applicability : Physical, mental, psychological, intelligent, emotional
           Religious, Spiritual and beyond.
Level : Thought, Word and action
Domain : Ethical, Moral, Socio-economic, socio-cultural, techno-
Managerial, socio-administrative, techno-administrative.