# The Great Mind Challenge - Project Scenario Template

*Note: Already filled information should not be changed*

| 1. | Name of the Project | Social Networking Site for Social Responsibility |
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| 2. | Objective/ Vision | A truly Indian social-networking website that is to promote social responsibility (traffic rules, public hygiene, aversion to bribery etc) |
| 3. | Users of the System | A. Any citizen of India<br>B. Beurocrats of India, Employees of Govt bodies,<br>C. Volunteers from NGOs |
| 4. | Functional Requirements (Atleast Eight) | i. Should provide a common platform where people of India can<br>   a. Voice out violations, injustice, inhumanity, corruption happening in their vicinity<br>   b. Endorse someone else's concern and augment with more proofs, details etc.<br>   c. Call for an online debate or discussion on certain topics of broad applicability<br>   d.<br>ii. Should be highly dynamic, with minimal static content as framework and maximum content created by site participants<br>iii. Should be highly extensible to the extent technically possible. Users should be able to add content, add small pieces of new functionality and change their portion of the site (not just colors & look & feel).<br>iv. Being dependent highly on dynamic content collaborated by users, the site should have the features to auto analyze topics, group discussions, auto recommend threads based on searches etc.<br>v. Should have the ability to tag social discipline violators using their UID<br>vi. The site can provide various measures for fellow citizens to rate, control and monitor the social responsibility of a given individual. For example, if you find your classmate did a good job at the college function arrangements, you can increase his service-orientation score by +1. If you find your neighbor smoking in public in front of children, you can decrement his responsibility score by 1. When everyone assess & reward a person for his |

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| | | social actions this way, one can see a true scale of where he stands vis-à-vis where he thinks he really is. A traffic police giving ticket is no more just monetary. He can (as a user of this website) affect you driving sense score. If a police cop demanded for bribe, he may not be dismissed in system, but this website could show his corruption level as utterly bad.<br>vii.   Authenticity for adding users is utmost important for such a website. Definitely one should not be allowed to have more than one profile.<br>viii.   There should be a placeholder for dealing with disputing situations for the site as it is quite possible for recipients of negative reward to resist. The dispute resolution mechanism should not be like traditional court, it should again be based on social forum like multiple opinions, group actions etc. |
| 5. | Non-functional requirements (Atleast Four) | i.   Secure access of confidential data (user's details). SSL can be used.<br>ii.   24 X 7 availability<br>iii.   Better component design to get better performance at peak time<br>iv.   Flexible service based architecture will be highly desirable for future extension |
| 6. | Optional features | a.  There are lot of freeware & open source applications available for many social functions. The team is expected to search & leverage these to the maximum. The team which gets maximum function to the website by writing less number of code lines will score over the team what writes everything from scratch.<br>b.  The focus of this scenario is not on designing a website as flashy as it could be. Instead, it is on as useful it could get to citizens of India to improve the social awareness<br>c.  Build the site as if you are going to help a nation. No half baked superficial site.<br>d.  Site should be easily extensible (the extension modules should plug-in without disturbing running portion of site). For example, one more metric can be added laterwards (like patriotism quotient). |
| 7. | User interface priorities | A.  Professional look and feel<br>B.  Use of AJAX atleast with all registration forms<br>C.  Browser testing and support for IE, NN, Mozila, and Firefox.<br>D.  Use of Graphical tool like JASPER to show strategic data to admin |

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| | | E. Reports exportable in .XLS, .PDF or any other desirable format |
| 8. | Reports | A. Reports for general user<br>B. Reports for a fit-to-purpose group, task force or NGO<br>C. Reports that can be easily generated for forwarding to govt (about summary summary demographic level)..like how responsible people drive from various cities etc.<br>D. Reports for Site admin..the operational reports to make the site better in future. |
| 9. | Other important issues | A. Suggested to do realtime-integration to as many sites/information sources like NIC, .gov sites etc<br>B. You are free to make any other assumptions as long as you don't derail the core spirit of this theme. |
| 10. | Team Size | 4 |
| 11. | Technologies to be used | UML, J2EE, XML, e-Forms, AJAX, Web 2.0, Web-services, SOA |
| 12. | Tools to be Used | • ROSE/RSA / WebSphere Modeler<br>• Eclipse/ RAD / Lotus Forms Designer / Portlet Factory<br>• WebSphere Portal/ WAS/ WAS CE / WPS<br>• DB2 Express – 'C' or DB2 UDB<br>• Tivoli CDP/TSM / Tivoli Directory Server<br>• Linux will be the preferred OS. |
| 13. | Final Deliverable must include | A. Online or offline help to above said users, Application deployment executive and developer<br>B. Application archive ( .war/.ear ) with source code<br>C. Database backup and DDL Script<br>D. Complete Source code<br>E. Sample report files<br>F. Sample screenshots of important screens |