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| Project Identification | | |
| Project Name: | Project Number | Date Created |
| Survey Application | 001 | 16th April, 2016 |
| Program Manager | Organization | |
| Karthik Dhanasekaran | HIK Technology | |
| Completed by | | |
| Guided by: Arun Kumar S, Praveena V | | |
| Development Team: Adithya Raam S, Jeya Balaji S, Sreyas Naarayanan R, Melwyn, Vignesh, Padhmanaban | | |

# Deployment Strategy

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| Deployment Approach |
| Description |
| The project can be deployed only using NetBeans IDE. Please don’t use Eclipse or other IDE, which may lead possible fatal errors. |
| Assumptions and Risks |
| Assumptions for best results |
| 1. The browser used is the latest version in its own series. 2. The browser supports HTML5, CSS3 and Bootstrap. 3. NetBeans version 8.0.2 4. Apache Tomcat version 7.0.68 5. Android Studio version 1.5.1 6. JavaEE Version: 6 7. MySQL Community Server (GPL) – Version 5.7.11 8. JDK Version 1.7.0\_79 for Android 9. Android Plugin version 1.5.0 10. Gradle version 2.8 |
| Risks |
| 1. The server doesn’t run on Eclipse or other similar IDE. 2. Android code is not compatible with Eclipse IDE. |

# Deployment Plan

The Deployment Plan section provides detailed information on the deployment of the software application/system. Included in the Deployment Plan are schedule and resource information, the engagement and promotion strategy, deployment methods, technology infrastructure and support considerations, deployment testing and training requirement, and any known conflicts or issues with the software.

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| **Deployment Sequence** | Procedure |
| Web-Portal deployment | |
| Opening the code in NetBeans | Download the given project.zip file and extract into the destination location. Then open the code into the NetBeans using “FILE->Open Project”. Don’t Import the Zip file. |
| Adding the required JAR files | Totally 10 JAR files are used for the web project. Import all the listed JAR files into the project. JAR files are attached separately in a folder. |
| HTML parsing error | When NetBeans tries to check HTML and CSS syntaxes in our CSS library files, some parsing errors may arise. Disable HTML/CSS validation checking in your NetBeans environment. |
| SQL Import. | Import the given SQL dump file in to your desired MySQL database. |
| Changing SQL credentials in JSP files | Change your MySQL Username, password, Database name in all the JSP files. |
| Android app deployment | |
| Opening the Code in Android Studio | Download the given android.zip file and extract into the destination location. Then open the code into the Android Studio using “FILE->Open Project”. |
| Changing Server IP | Navigate to res/values/strings.xml. In line number #6 and #7 there will be a server URL. Change the server URL to web portal hosted server |

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| Submitted to | |
| Project Manager | Karthik Dhanasekaran |