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| E-Gram Seva |
| Termination Analysis v1.0 |
| Team 22 |
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**REVISION HISTORY**

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| --- | --- | --- |
| **Version** | **Author** | **Date** |
| Version 1 | Rutvik Jhala | April 7, 2013 |
| Version 1 Review | Siddharth Vadnagra | April 9,2013 |

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9. **Purpose:**

The purpose of this document is to summarize the development process, set of deliverables and analyze the learning done during the course of the project, development of Personal Software Processes and Team Software Processes. One of the goals of this document is to set guidelines for future project teams pursuing any software development, and make them aware of the obstacles that hindered our project. It helps in evaluating the success of the project, in terms of what was planned and what part of it came out as the final product.

The project of building ‘E-Gram Seva’ was undertaken by a team of nine students for Software Engineering (IT 314).

# General Information:

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| **Project Name** | E-Gram Seva |
| **Commence date** | 10th January 2013 |
| **Termination Date** | 9th April 2013 |
| **Team** | Group 22 |
| **Institute** | DA-IICT |
| **Course** | Software Engineering (IT-314) |
| **Course Instructor** | Prof. Asim Banerjee |
| **Teaching Assistant** | Sunil Arora |
| **Team Leader** | Karan Makim |

# 3. Project artefact checklist:

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| **S.no.** | **Deliverables** | **Response** |
| 1. | Have project documentation and other items been prepared, collected, audited and archived? | Yes |
| 2. | Reviews well documented? | Yes |
| 3. | Feasibility Report | Yes |
| 4. | Project Proposal | Yes |
| 5. | Project Plan | Yes |
| 6. | SRS | Yes |
| 7. | SDLC Document | Yes |
| 8. | Gantt Chart | Yes |
| 9. | Test Cases | Yes |
| 10. | Draft User Manual | Yes |
| 11. | System Test Plan | Yes |
| 12. | Traceability Matrix | Yes |
| 13. | Quality Assurance Plan | Yes |
| 14. | Risk Management | Yes |
| 15. | System Design Specification | Yes |
| 16. | Coding Standards | Yes |
| 17. | Source Code | Yes |
| 18. | Test Report | Yes |
| 19. | User Manual | Yes |
| 20 | Deployment Plan | Yes |
| 21. | Installation Manual | Yes |
| 22. | Meeting Log | Yes |
| 23. | Time Sheets | Yes |

# 4. Deviations:

During the journey of our project, the unintentional deviation that occurred was during the design and coding phase. There were many reasons behind it. The first and foremost was lack of experience in building a website. Extra efforts were put in for designing the frontend of the system. It didn’t meet up with the expected frontend, so redesigning it has taken more effort from us. There were many projects from different courses so there was a bit of time crunch as other projects also required attention. Hence the design phase was stretched a bit and took longer than expected and required lot of inputs from each members during the last phases of the project. Due to the server change unit testing and coding were affected and it took more time than expected. The estimated time was increased due to that.

We sent our messages in Hindi language but we could not implement the translation of database into Gujarati which would have helped us to reach the rural masses and help them in a better way.

1. **Lessons Learnt:**

# Although we were capable of delivering a product, we made many mistakes, and re-work took away a lot of time as this was our first time in developing a software project in such a systematic and organized way.

* At the start of the project we thought that documentation was not that important but then we realized that it is one of the most important aspect of software development.
* Time management is very important for meeting the deadlines during the development cycle otherwise it becomes very stressful during the ending phase of the project.
* Distribution of work according to team member’s ability and skills is vital as it provides more efficient and faster results.

# Future Scope of our Project:

Though we have tried to implement most of the functionalities, we can further include certain features to enhance our software:

* The database can be in Gujarati so as to reach more rural areas.
* More links can be added for different regions.
* Website design can be further improved along with features.

# Work Products and members involvement:

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| --- | --- |
| **Work Products** | **Members Involved** |
| Feasibility Report | Aayushi Sharma  Biman Gujral  Surbhi Singhal   |  | | --- | |  | |
| Project Proposal | Sahil Sikka  Krish Mahajan  Abhisek Shukla  Karan Makim |
| Project Plan | Karan Makim  Krish Mahajan  Surbhi Singhal  Sahil Sikka   |  | | --- | |  | |
| SRS | Karan Makim  Krish Mahajan  Surbhi Singhal  Sahil Sikka  Biman Gujral |
| SDLC Document | Rutvik Jhala  Krish Mahajan |
| Gantt Chart | Biman Gujral |
| Test Cases | Abhisek Shukla  Karan Makim |
| Draft User Manual | Biman Gujral  Aayushi Sharma  Abhisek Shukla |
| System Test Plan | Surbhi Singhal  Sahil Sikka |
| Traceability Matrix | Karan Makim  Biman Gujral |
| Quality Assurance Plan | Surbhi Singhal  Rutvik Jhala |
| Risk Management | Surbhi Singhal  Aayushi Sharma |
| System Design Specification | Biman Gujral  Krish Mahajan  Sahil Sikka |
| Coding Standard Document | Rutvik Jhala  Karan Makim |
| Source Code | Entire Team |
| Test Report | Abhisek Shukla  Rutvik Jhala |
| User Manual | Biman Gujral  Aayushi Sharma  Siddharth Vadnagra |
| Deployment Plan | Surbhi Singhal  Sahil Sikka |
| Installation Manual | Siddharth Vadnagra  Krish Mahajan |
| Meeting Log | Karan Makim |
| Time Sheets | Entire Team |
| Termination Analysis | Rutvik Jhala  Siddharth Vadnagra |

1. **Conclusion**

This project gave us a picture of how development takes place in the Industry. We learnt to develop a system in a more systematic way, especially completing the work product in a timely and cost effective manner. We learnt that along with the final outcome, the process is very important and needs to be structured and disciplined. We learnt the value of working as a Team and developing our Team Software Processes along with our Personal Software Processes and the importance of Planning ahead of time to be able to deliver a good quality and effective product.