E-Gram Seva

Termination Analysis v1.0

Team 22

REVISION HISTORY

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

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1. 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).

2. General Information:

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:

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.

5. 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.

6. 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.

7. Work Products and members involvement:

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

8. 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.