Database EvaluatOr Engineering phase

close out report

Document history

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| --- | --- | --- | --- | --- |
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| 1.0 | 05-Oct-2016 | Changming Wu | Draft |  |

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# General Information of phase

This is the fourth phase of project lifecycle of DSDM. The key thing of engineering Phase was to develop a Database Evaluator which can produce the finial diagnosed report via using the encrypted dump file that uploaded by customer and build the basic functions of website such as uploading file and find the password. The Engineering phase is very important. During this phase, this partial solution is made robust enough for operational use. How the Exploration and Engineering phases overlap, merge and flip from one to the other is left to a particular project to decide based on the nature of the solution being created and how it can best be divided into chunks that make sense from both the development and the operational viewpoints.

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Baseline** | **Actual** | **Variance** |
| **Start Date** | 05/09/16 | 05/09/16 | 0 day |
| **Finish Date** | 23/09/16 | 09/10/16 | 10 days |
| **Days** | 15 days | 25 days | 10 days |

# 

# Tasks and deliverables

In the engineering phase, project team has already created the main products of this phase:

* Database Evaluator Development
* Website Development (Upload Page, Forgot Password Page, Documentation Page, Notification function)
* Upload the Website to online
* Test Report for Application
* Test Report for Website

Others supportive documents as per DSDM methodology for this phase.

* Issue Register
* Prioritised Requirements List
* Risk Log
* Testing Log

# Management Effectiveness

* Project team had a good conversation about the issues of development and progress.
* Project team monitored and recorded the progress and issues during this phase, we tried to give the solution of the issues which we had met. The issues as the following list:
* Different structure between local host and online server.
* Does not automatically change the path when upload the website to online.
* Therefore resulting that the functions are working on the local host, but some functions do not work on the online server.

Therefore, developers used more time than expected on uploading the Website to online, this phase was behind the planned schedule.

* In order to ensure the progress of the project, project team still did the system test on the planned schedule. We did the system test on the local host Website with the Client Application and Database Evaluator, but we increased one week to do the system test on the online Website with the Client Application and Database Evaluator.

# Lessons Learned

During the Engineering Phase:

* Developers met some issues during uploading the website to online as the following list.
* Different structure between local host and online server.
* Does not automatically change the path when upload the website to online.
* Therefore resulting that the functions are working on the local host, but some functions do not work on the online server.
* Through developers did research and study, they tried to solve the technical questions as stated before.

# Check list

|  |  |
| --- | --- |
| **Document** | **Status** |
| Database Evaluator Development | Complete |
| Website Development (Upload Page, Forgot Password Page, Documentation Page, Notification function) | Complete |
| Upload Website to online | Complete |
| Test Report for Application | Complete |
| Test Report for Website | Complete |
| Issue Register | Complete |
| Prioritised Requirements List | Complete |
| Risk Log | Complete |
| Testing Log | Complete |

# approval

By signing this document, all parties are understood and acknowledge the changes.

|  |  |
| --- | --- |
| Project Advisor  Dr. Steve McKinlay | Signed:  Date: |
| Project Manager  Changming Wu | Signed:  Date: |
| Database Specialist  Hardik Kansara | Signed:  Date: |
| Web Developer  Kwinno Pineda | Signed:  Date: |
| C# Developer  Patrick Cura | Signed:  Date: |