**Group members**

Dang Thi Thao My - 15905067

Bui Nguyen Thien Khanh - 15907679

Nguyen Anh Quan - 15905072

Le Huynh Anh Tuan - 1325907

**Supervisor:** MSc. Truong Phuoc Loc

**Product Owner:** Mr. To Hoa Duy Man

**Project Status**

**Performance testing dashboard**

Version 1.0 – Released date: 1/5/2017

**Status**: ON-GOING

Approved by:

Released by: Capstone team (ETI1)

Internal

Document Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| Version | Date | Changed by | Modifications |
| 1.0 | 1.5.2017 | Capstone team | Initial |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

List of Abbreviations

PP **P**roject **P**lan  
CI **C**onfiguration **I**tem  
CM **C**onfiguration **M**anagement  
HLD **H**igh **L**evel **D**esign  
SRS **S**oftware **R**equirement **S**pecification

Contents

[1. Project Progress Summary 1](#_Toc471474090)

[1.1. Milestones 2](#_Toc471474091)

[1.2. General Information 2](#_Toc471474092)

[2. Budget **Error! Bookmark not defined.**](#_Toc471474093)

[Comments **Error! Bookmark not defined.**](#_Toc471474094)

[3. Project Risk Management Statement 5](#_Toc471474095)

[Comments **Error! Bookmark not defined.**](#_Toc471474096)

[4. Issues 5](#_Toc471474097)

[5. Recommendations 6](#_Toc471474098)

[6. References 7](#_Toc471474099)

# Project Progress Summary

The Performance Testing Dashboard Project was raised by BOSCH company has been through over 3 months of progression and passed 6 sprints of total 14 sprints on proposal has stated. The current work we have done and yet to done, including our problem we are facing are listed below:

**Accomplishments for the previous sprints:**

* Requirement analysis and propose multiple ideas for the beginning of the project
* Requirement elicitation and studying new knowledge and technologies related to project requirements
* Build up design and prototype for the project, knowledge sharing, drawing architectural diagram for the project modules.
* Release first version of the Performance Testing Dashboard to the client and receive good feedbacks. The first release features :
  + User Authentication modules
  + Project Management modules
  + Test Management modules
  + Script Management modules
* Project deliverables of the previous time are delivered on time. The progress of the project is a little later than the team has planned.

**Activities planned for next sprints:**

* New features development for the upcoming sprints:
  + Group modules
  + Report modules
  + Distribution Testing
  + Master Machine – Slave Machine Configuration
  + Rest API
* Continue to writing undone scripts of existing module for Unit testing to assure the quality of the project.
* Organize the portfolio of the project
* Release final version of the Performance Testing Dashboard

**Comment/Changes/Concerns:**

The client continuously give unexpected tasks that is off-project.

The User Authentication will be modified with the additional Group module due to requirement of clients.

The project may be delayed due to the configuration of Distribution Testing and Master – Slave configuration because it is a new module that dependent with the Performance Testing Dashboard and the team need time to research more about this requirement.

## Milestones

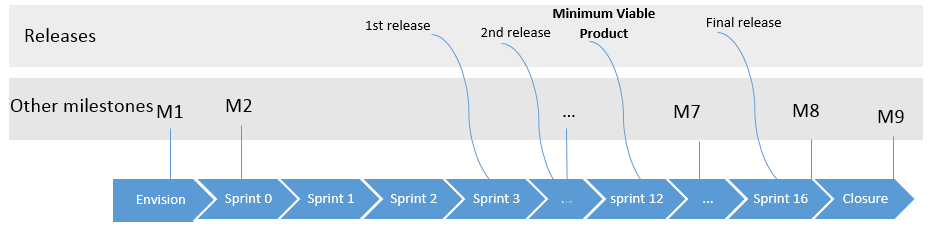


Table 1 - Milestones scheduled for achievement since last report and performance against those milestones

|  |  |  |
| --- | --- | --- |
| Milestone | Planned Date | Achievement |
| M1 -Complete Gathering Requirements | 10/07/2016 | 10/07/2016 |
| M2-Proposal approved | 10/20/2016 | 10/20/2016 |
| M3-Complete Design | 10/24/2016 | 10/24/2016 |
| M4-Prototype approved | 10/26/2016 | 10/26/2016 |
| M5-Release 1 | 12/5/2016 | 12/5/2016 |
| M6-Release 2 | 1/16/2017 | 1/17/2017 |
| M7-MVP | 3/27/2017 | Not yet done |
| M8-Final release | 6/5/2017 | Not yet done |
| M9-Project end | 6/5/2017 | Not yet done |

Table 2 - Milestones scheduled for achievement over the next reporting period and changes to those milestones with respect to the previous plan

|  |  |  |
| --- | --- | --- |
| Milestone | Previous Planned Date | Current Target Date |
| M6-Release 2 | 1/16/2017 | 1/16/2017 |
| M7-MVP | 3/27/2017 | 3/27/2017 |
| M8-Final release | 6/5/2017 | 6/5/2017 |
| M9-Project end | 6/5/2017 | 6/5/2017 |

## General Information

### Staffing

The project team work daily for 8 hours per day in BOSCH Company for 9 months. There are several occasions the team missing 1 or 2 people because they have illness and works out of project scope, but the progression of the project is monitored and followed as it is planned on the proposal.

### Training

During the first two week of sprint 1, the team spending time prepare the proposal and research new technologies that follow the requirements of the project. Along with the training, the team spend their time to practice coding and integrate before went to designing database and diagrams.

### Design

The team have design several diagrams that stored by using Docupedia tool in Bosch Company that support Gliffy diagram drawing tool.

*High Level Design:*

* Dashboard sitemap
* System Architecture
* Activity diagram for Users
* Activity diagram for Administrators

*Low Level Design:*

* Activity, Use Case, Sequence Diagrams are supported for each of these modules:
* Project Management module
* Script/File Management module
* Test Management module
* User Management module

### Documentation

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| No. | Title | Version | Author | Source/Location |
| 1 | Change Request Handling Log | 1.0 | Scrum Team | Docupedia |
| 2 | Design documents | 1.0 | Scrum Team | Docupedia |
| 3 | Issue Log | 1.0 | Scrum Team | Docupedia |
| 4 | Minutes of Meeting | 1.0 | Scrum Team | Docupedia |
| 5 | Project Charter | 1.0 | Scrum Team | Docupedia |
| 6 | Project Plan | 1.3 | Scrum Team | Docupedia |
| 7 | Project Progress Status Report | 1.0 | Scrum Team | Docupedia |
| 8 | Proposal | 1.3 | Scrum Team | Docpuedia |
| 9 | Risk Management Log | 1.3 | Scrum Team | Docupedia |
| 10 | SRS | 1.0 | Scrum Team | Docupedia |
| 11 | Test plan | 1.0 | Scrum Team | Docupedia |

### Coding

|  |  |  |
| --- | --- | --- |
| Requirement | State | Percentage of Done |
| User Authentication | Closed | 100% |
| User Management | Paused | 50% |
| Script Management | Closed | 100% |
| Report Management | In-progress | 80% |
| Test Suite Management | In-progress | 80% |
| Real-time Report | In-progress | 30% |
| Agent Management | Paused | 50% |

### Testing

Follow test plan.

### Reviews

For each sprint planning , the team has reviewed what tasks have been done and what have yet done than each member write their short report and contribute ideas and solutions to the current problems and statuses. At sprint 5, the team have concurrently reviewed implemented modules of test, project, and user and file management and detect bugs and defects. The scrum member for the module will write automated unit testing and fix these defects and bugs and report back to the reviewer for a verification once again.

### Release

The team have release their first version to the client, and receive good feedbacks.

# Deliverables

|  |  |  |
| --- | --- | --- |
| Deliverable | Time | Delivered Status |
| Proposal | 10/12/2016 | Delivered |
| SRS | 10/12/2016 | Delivered |
| Standards | 10/22/2016 | Delivered |
| Design | 10/24/2016 | Delivered |
| Prototype | 10/24/2016 | Delivered |
| Use Cases | 10/24/2016 | Delivered |
| Test plan | 12/28/2016 | Delivered |
| Code | 6/1/2016 | Not yet delivered |
| Go live | 6/2/2016 | Not yet delivered |
| Technical Document | 6/1/2016 | Not yet delivered |
| Final Report | 6/1/2016 | Not yet delivered |
| Time Tracking Spreadsheet | 6/1/2016 | Not yet delivered |
| Final Presentation | 6/5/2016 | Not yet delivered |

# Project Risk Management Statement

Identify any changes in risk status to the previous report. See risk grading key below.

Primary risks

|  |  |  |  |
| --- | --- | --- | --- |
| Risk | Likelihood (%) | Impact (1-4) | Change |
| Client withdraws | 10 | 4 | *Stable* |
| Team member withdraws | 80 | 4 | *Happened* |
| Main requirements are changed | 40 | 3 | Increase |
| Level of effort significantly exceeds the estimates of a sprint | 70 | 3 | *Stable* |
| Level of effort significantly exceeds the estimate for the whole project | 60 | 3 | Stable |
| Loss of critical documents or code | 30 | 3 | Increase |
| The client is not available | 10 | 2 | Stable |

# Issues

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | | | | |
| Issue Id. | **Issue Name** | **Issue Description** | **Issue type** | **Issue Status** |
| 1 | Git problem | Git conflict  Loss of data due to not familiar with using Git to manage code | Procedural | Closed |
| 2 | Distribution Testing | The concept of distribution testing is complicated  Does not have implementation solution yet | Procedural | Open |
| 3 | Report requirement expansion | The real-time report need to run live when switching between tabs  The report need to add many parameters that is complicated  Real-time test run is not stable | Procedural | Open |
| 4 | Controller Unit Testing | Must spend so much time to research and implement automated unit testing for controller | Procedural | Open |
| 5 | Jmeter configuration | Configuration need to be read on properties file for switching Workstations | Procedural | Open |
| 6 | Deploy War File | Cannot file root cause of error when deploy war file | Procedural | Open |

|  |  |  |
| --- | --- | --- |
| Issue Id. | **Issue Name** | **Solutions** |
| 1 | Git problem | Ask Git expert to help the problem and notes the problems that we meet on the Issue logs and Lesson Learnt.  Only commits the modified codes and avoid commit Git, system or blacklisted file, filenames.  Store baseline by Configuration Mangement. |
| 2 | Distribution Testing | Using Jenkins for distribution testing ( existing one ) to understand it fully and encapsulate the required part we need to our project |
| 3 | Report requirement expansion | Talk with clients about the specific parameters and modify it  Use InfluxDB to store data and Rest API to use data with JSON. |
| 4 | Controller Unit Testing | Unit Testing need to research for best practices and related example that can help our problem |
| 5 | Jmeter configuration | Properties file to manually config Jmeter before run project |
| 6 | Deploy War File | Ask mentor about WAR deployment. |

# Recommendations

What we should do on the following time is to track the milestones and deliverables on time and keep up the performance that we have on the previous time.

Unfinished requirements will be checked and implemented for the final release. New modules featured.

All issues that are opened will be processed, potential risks will be registered and monitored, and change request will be logged and processed.

Keep contact with supervisor for advice and progression.

Control the project execution and testing for the best quality output.

Tracking project metrics in order to take appropriate actions and keep project complete on schedule.

Any sign-off papers are signed by authorized personnel.

# References

REFERENCES

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| No. | Title | Version | Author | Date | Source/Location |
| 1 | Project Plan | 1.0 |  | 10.17.2016 | Docupedia |
|  |  |  |  |  |  |
|  |  |  |  |  |  |