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Project Charter

1. General Project Information

Project Name	**Performance Testing Dashboard**
Sponsor	**RBVH/ETI1 – Group Manager Nguyen Huu Khiem**
Project Manager	**RBVH/ETI14 – To Hoa Duy Man**
Impact of project	Support performance testing of Validation Service Team in ETI1 Department of RBVH

2. Project Team

	Name	Telephone	E-mail
Scrum Master	My, Dang Thi Thao	093 2025578	fixed-term.My.DangThiThao@vn.bosch.com
Scrum Team	Quan, Nguyen Anh	090 7990490	fixed-term.Quan.NguyenAnh@vn.bosch.com
	Khanh, Bui Nguyen Thien	090 6917423	fixed-term.Khanh.BuiNguyenThien@vn.bosch.com
	Tuan, Le Huynh Anh	090 8157782	fixed-term.Tuan.LeHuynhAnh@vn.bosch.com

3. Stakeholders

Group Manager	Nguyen Huu Khiem RBVH/ETI1
Project Manager – Product Owner	To Hoa Duy Man – RBVH/ETI14
Validation Team	Associates of ETI14
Scrum Master	Dang Thi Thao My – ETI14
Scrum Team	Nguyen Anh Quan, Bui Nguyen Thien Khanh, Le Huynh Anh Tuan – ETI14
School Supervisor	Mr Truong Phuoc Loc
School Coordinators	Mr Lam Quang Vu, Mr Petteri Kaskenpalo, Mr Leo Hitchcock
R&D Project Advisor	Mr Duong Viet Quoc Hoang
Mentor from BOSCH	Mr Duong Thanh Nhan RBVH/ETI11

4. Project Scope Statement

Project Purpose / Business Justification

An alternative solution with better environment and features on a website application dashboard that improve work condition and performance in Performance Testing.

The dashboard should be cost-saving and working on websites that can share test parameter configurations, reports and automated generates reports and analysis as a replacement of existing desktop software application like Jmeter and LoadRunner.

Objectives

The objectives of the Performance Testing Dashboard would be :

- **Objective 1:** The PTD need to have ability to show performance testing result both in offline-mode and in real-time.
- **Objective 2:** Have the ability to zoom in and zoom out, show the value at the specific point on graph when test execution is complete.
- **Objective 3:** Need to be able to manage the Report. Have some features such as report comparison, report export, etc.
- **Objective 4:** Need a user management which can be linked with Bosch user and also able to create new user.
- **Objective 5:** Need a Script management which use to manage performance script. It also need a File Uploader where user can upload their Script.
- **Objective 6:** The P.T.D also require an automation system to co-operate with. This automation system will have ability to automate run performance test from the Jmx script which user can upload from dashboard. It also have ability to automate collect performance testing report, depending on the requirement of the customer then it automate send the result back to the customer when test execution is complete.

Deliverables

Deliverables for HCMUS :

- Project documents

    - SRS
    - Project Proposal
    - Project Plan
    - Risk management Plan
    - Meeting minutes
    - Progress Reports
    - Lessons learned

- Sprint backlogs

- Technical documents

  - Design including High Level Design and Low Level Design
  - UML Class Diagram, architecture of the system
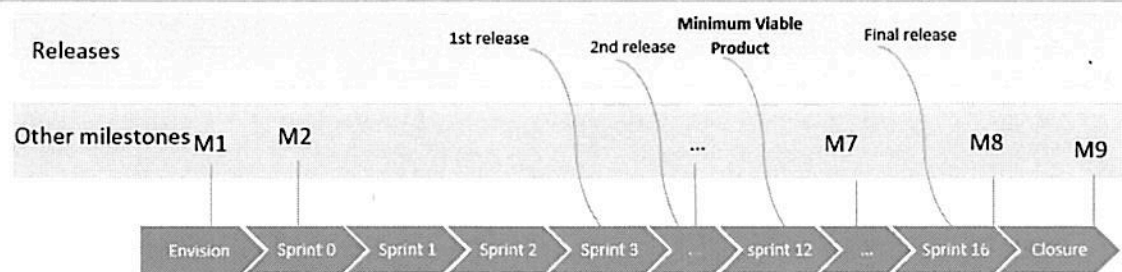 - Use cases

- Standards

- User guide

Deliverables for Validation Team and Product Owner :

- Performance Testing Dashboard source code

- Technical documentation

- User guide and training plan

Scope

The scope of the project will built up a dashboard that can do performance testing with Jmeter Core API and automated report generation. The duration of the project is 8 months from October 2016 to July 2017. The project will be focus on making a dashboard with clean, simple and user-friendly with Jmeter structure and basic functions followed the requirements of the customers.

Project Milestones

Key Milestone	Description	Planned date
M1	Complete Gathering Requirements	10/07/2016
M2	Proposal approved	10/20/2016
M3	Complete Design	10/24/2016
M4	Prototype approved	10/26/2016
M5	Release 1	12/5/2016
M6	Release 2	1/16/2017

M7	MVP	3/27/2017
M8	Final release	6/5/2017
M9	Project end	6/5/2017

Major Known Risks (including significant Assumptions)

Risk	Risk Rating (Hi, Med, Lo)
Client withdraws	LOW
Team member withdraw	MED
Main requirements are changed	HIGH
Level of effort significantly exceeds the estimate of a sprint	HIGH
Level of effort significantly exceeds the estimate for the whole project	HIGH
Loss of critical documents or code	MED

Constraints

Refer the Project Plan

External Dependencies

None

5. Communication Strategy

Refer the Project Plan

6. Sign-off

	Name	Signature	Date
Executive Sponsor	GrM - Nguyen Huu Khiem (RBVH/ETI1)	*Khuc*	03-08-2016
Project Manager	To Hoa Duy Man (RBVH/ETI14)		