**Project Charter**

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| 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 |

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| 1. **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 |

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| 1. **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 |

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| 1. **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** |
| C:\Users\BKH81HC\Documents\My Received Files\Capture.PNG   |  |  |  | | --- | --- | --- | | 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 | |

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| **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 |

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| 1. **Communication Strategy** |
| Refer the Project Plan |

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| 1. **Sign-off** | | | |
|  | **Name** | **Signature** | **Date** |
| **Executive Sponsor** | **GrM - Nguyen Huu Khiem (RBVH/ETI1)** |  |  |
| **Project Manager** | **To Hoa Duy Man (RBVH/ETI14)** |  |  |

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| 1. **Notes** |
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