**Requirement specifications**

**Web Novel**

**Version 1.0**



**Personal Background**

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| 1.0 | Initial preparation | 2015/11/14 |
| **Revision number** | **Revision of page and content** | **Revise date** |

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# 1. Functional requirements

# Follow storyboard and design guide.

# 

# 2. Non-functional requirements

## 2.1.1. {System respond time}

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Required ID | | Required name | | |
| NR0010 | | Performance requirements | | |
|  | Description | - Main screen display speed no more than 3 seconds | | |
| Requirement details |  |
| Category | Performance | | |
| Importance level | Medium | Difficulty level | High |
| Source |  | Relevant ministries |  |

## 2.1.2. {Web responsive}

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Required ID | | Required name | | |
| NR0020 | | It is responsive web. It provides two side screen type. One is desktop version. Other is mobile version. | | |
| Requirement details | Description | - It can compatible with ie 8.0+, chrome, firefox. In ie8.0, responsive web doesn’t work. In ie8.0, it support only desktop version. | | |
| Category | User interface | | |
| Importance | Medium | Difficulty level | High |
| Source | Proposal negotiation agenda (Technical negotiation) | Relevant ministries |  |

## 

## 2.1.3. {Web accessibility}

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Required ID | | Required name | | |
| NR0030 | | Web accessibility quality mark certification. | | |
| Requirement details | Description | - It can compatible with ie 8.0+, chrome, firefox. | | |
| Category | User interface | | |
| Importance | Medium | Difficulty level | High |
| Source | Proposal negotiation agenda (Technical negotiation) | Relevant ministries |  |

## 

## 2.1.4. {Log management standard}

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Required ID | | Required name | | |
| NR0040 | | Log management standard | | |
|  |  | - Unauthorized individuals are inaccessible to log management (modifying log or deleting log are not authorized to any individuals; apprehending log and analyzing log are authorized only to certain personnel.) | | |
| Requirement details | Descriptions |
| Category | Tracking | | |
| Importance level | Medium | Difficulty level | High |
| Source |  | Relevant ministries |  |

## 2.1.5. {web-framework}

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Required ID | | Required name | | |
| NR0050 | | Use trams spring framework. | | |
|  |  | - See (http://trams.co.kr:5777/index.php/Development\_Environment\_Definition(JAVA)) | | |
| Requirement details | Descriptions |
| Category | System | | |
| Importance level | High | Difficulty level | Medium |
| Source |  | Relevant ministries |  |

# 3. Interface requirements

## 3.1.1. {Paygate API}

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Required ID | | Required name | | |
| NR0060 | | Use paygate api for payment system | | |
|  | - Maybe you need account to use api. For production, request Account to Vietnam ceo | - This will be used for monpot web. See PayGate Service Manual\_v1.1.2 English\_the final-page numbering | | |
| Requirement details | Descriptions |
| Category | System | | |
| Importance level | Medium | Difficulty level | High |
| Source |  | Relevant ministries |  |

## 3.1.2. {KMC API}

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Required ID | | Required name | | |
| NR0070 | | Use kmc module for adult ceritification. | | |
|  | - Maybe you need account to use api. For production, request Account to Vietnam ceo | - Please ask dongyoung kim detail information of api(ref http://www.kmcert.com) | | |
| Requirement details | Descriptions |
| Category | System | | |
| Importance level | Medium | Difficulty level | High |
| Source |  | Relevant ministries |  |

## 3.1.3. {Google analystics API}

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Required ID | | Required name | | |
| NR0080 | | Use google analystics.. | | |
|  | - Maybe you need account to use api. For production, request Account to Vietnam ceo | - Please ask dongyoung kim detail information of api(ref https://www.google.com/analytics/) | | |
| Requirement details | Descriptions |
| Category | System | | |
| Importance level | Medium | Difficulty level | High |
| Source |  | Relevant ministries |  |