**1. UNIT TEST**

Tabel 1.1 *Class Invariant Test Specification*

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| *Class Invariant Test Specification* | | | | | *Page 1 Of 7* | |
| *Class Name :* ***APPLICANT*** | | | *Version Number :1.0* | |  |  |
| *Tester* | |  | *Data Designed :* | | *Data Conducted :* | |
| *Testing Objective: Memvalidasi hasil input data* | | | | | | |
| *Test Case* | |  |  |  |  |  |
| ***Invariant Description*** | | ***Original Atribute Value*** | ***Event*** | ***New Atribute Value*** | ***Expected Result*** | ***Result F/P*** |
| *Atribute Name : nama\_applicant* | | | | | | |
| 1.1..1 | | Null | Ubah Applicant | Null | F | F |
| 2.(varchar(70)) | | Null | Ubah Applicant | ABCD | P | P |
| 3.(varchar(70)) | | Null | Ubah Applicant | AB12 | F | F |
| 4.(varchar(70)) | | Null | Ubah Applicant | 1234 | F | F |
| 5.(varchar(70)) | | Null | Ubah Applicant | !#$% | F | F |
|  | | | | | | |
| Atribute Name : email\_applicant | | | | | | |
| 1.1..1 | | Null | Ubah Applicant | Null | F | F |
| 2.(varchar(70)) | | Null | Ubah Applicant | ABCD | F | F |
| 3.(varchar(70)) | | Null | Ubah Applicant | AB12 | F | F |
| 4.(varchar(70)) | | Null | Ubah Applicant | 1234 | F | F |
| 5.(varchar(70)) | | Null | Ubah Applicant | e@g.com | P | P |
|  | | | | | | |
| Atribute Name : alamat | | | | | | |
| 1.1..1 | | Null | Ubah Applicant | Null | F | F |
| 2. (text) | | Null | Ubah Applicant | Text | P | P |
|  | | | | | | |
| Atribute Name : gender | | | | | | |
| 1.1..1 | Null | | Ubah Applicant | Null | F | F |
| 2.(varchar(2)) | Null | | Ubah Applicant | Male | P | P |
| 3.(varchar(2)) | Null | | Ubah Applicant | Female | P | P |
|  | | | | | | |
| Atribute Name : no\_hp | | | | | | |
| 1.1..1 | Null | | Ubah Applicant | Null | F | F |
| 2.(varchar(70)) | Null | | Ubah Applicant | 1234 | P | P |
| 3.(varchar(70)) | Null | | Ubah Applicant | ABCD | F | P |
|  | | | | | | |
| Atribute Name : jurusan | | | | | | |
| 1.1..1 | Null | | Ubah Applicant | Null | F | F |
| 2.(varchar(70)) | Null | | Ubah Applicant | String < 70 karakter | P | P |
| 3.(varchar(70)) | Null | | Ubah Applicant | String > 70 karakter | F | F |
| 4.(varchar(70)) | Null | | Ubah Applicant | 1234 | F | P |
|  | | | | | | |
| Atribute Name : thn\_lulus | | | | | | |
| 1.1..1 | 0 | | Ubah Applicant | Null | F | F |
| 2.(smallint(5)) | 0 | | Ubah Applicant | Integer > 5 | F | F |
| 3.(smallint(5)) | 0 | | Ubah Applicant | Integer < 5 | P | P |
|  | | | | | | |
| Atribute Name : universitas | | | | | | |
| 1.1..1 | Null | | Ubah Applicant | Null | F | F |
| 2.(varchar(70)) | Null | | Ubah Applicant | String < 70 karakter | P | P |
| 3.(varchar(70)) | Null | | Ubah Applicant | String > 70 karakter | F | F |
| 4.(varchar(70)) | Null | | Ubah Applicant | 1234 | F | P |
|  | | | | | | |
| Atribute Name : ipk | | | | | | |
| 1.1..1 | Null | | Ubah Applicant | Null | F | F |
| 2.(varchar(70)) | Null | | Ubah Applicant | 0,01 | P | P |
|  | | | | | | |
| Atribute Name : text | | | | | | |
| 1.1..1 | Null | | Ubah Applicant | Null | P | P |
| 2. (text) | Null | | Ubah Applicant | Text | P | P |
|  | | | | | | |
| Atribute Name : cv | | | | | | |
| 1.1..1 | Null | | Ubah Applicant | Null | F | F |
| 2.(blob) | Null | | Ubah Applicant | .pdf | P | P |
| 3.(blob) | Null | | Ubah Applicant | .doc | P | P |
|  | | | | | | |
| Atribute Name : portfolio | | | | | | |
| 1.1..1 | Null | | Ubah Applicant | Null | P | P |
| 2.(blob) | Null | | Ubah Applicant | .pdf | P | P |
| 3.(blob) | Null | | Ubah Applicant | .doc | P | P |
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| *Class Invariant Test Specification* | | | | *Page 2 Of 7* | |
| *Class Name :* ***USERS*** | | *Version Number :1.0* | |  |  |
| *Tester* |  | *Data Designed :* | | *Data Conducted :* | |
| *Testing Objective: Memvalidasi hasil input data* | | | | | |
| *Test Case* |  |  |  |  |  |
| ***Invariant Description*** | ***Original Atribute Value*** | ***Event*** | ***New Atribute Value*** | ***Expected Result*** | ***Result F/P*** |
| *Atribute Name : email\_users* | | | | | |
| 1.1..1 | Null | Ubah Pengguna | Null | F | F |
| 2.(varchar(70)) | Null | Ubah Pengguna | ABCD | F | F |
| 3.(varchar(70)) | Null | Ubah Pengguna | AB12 | F | F |
| 4.(varchar(70)) | Null | Ubah Pengguna | 1234 | F | F |
| 5.(varchar(70)) | Null | Ubah Pengguna | e@g.com | P | P |
|  | | | | | |
| *Atribute Name : nama\_users* | | | | | |
| 1.1..1 | Null | Ubah Pengguna | Null | F | F |
| 2.(varchar(70)) | Null | Ubah Pengguna | String < 70 karakter | P | P |
| 3.(varchar(70)) | Null | Ubah Pengguna | String > 70 karakter | F | F |
| 4.(varchar(70)) | Null | Ubah Pengguna | 1234 | F | P |
| 5.(varchar(70)) | Null | Ubah Pengguna | !#$% | F | F |
|  | | | | | |
| *Atribute Name : role* | | | | | |
| 1.1..1 | Null | Ubah Pengguna | Null | F | F |
| 2.(varchar(70)) | Null | Ubah Pengguna | userhr | P | P |
| 3.(varchar(70)) | Null | Ubah Pengguna | hr | P | P |
| 4.(varchar(70)) | Null | Ubah Pengguna | COO | P | P |
|  |  |  |  |  |  |
| *Atribute Name : posisi* | | | | | |
| 1.1..1 | Null | Ubah Pengguna | Null | F | F |
| 2.(varchar(70)) | Null | Ubah Pengguna | String > 70 karakter | F | F |
| 3.(varchar(70)) | Null | Ubah Pengguna | String < 70 karakter | P | P |
|  | | | | | |

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| *Class Invariant Test Specification* | | | | *Page 3 Of 7* | |
| *Class Name :* ***JOB\_VACANT*** | | *Version Number :1.0* | |  |  |
| *Tester* |  | *Data Designed :* | | *Data Conducted :* | |
| *Testing Objective: Memvalidasi hasil input data* | | | | | |
| *Test Case* |  |  |  |  |  |
| ***Invariant Description*** | ***Original Atribute Value*** | ***Event*** | ***New Atribute Value*** | ***Expected Result*** | ***Result F/P*** |
| *Atribute Name : posisi\_ditawarkan* | | | | | |
| 1.1..1 | Null | Ubah Job vacant | Null | F | F |
| 2.(varchar(70)) | Null | Ubah Pengguna | String > 70 karakter | F | F |
| 3.(varchar(70)) | Null | Ubah Pengguna | String < 70 karakter | P | P |
|  | | | | | |
| *Atribute Name : jml\_kebutuhan* | | | | | |
| 1.1..1 | 0 | Ubah Job vacant | Null | F | F |
| 2.Integer | 0 | Ubah Job vacant | Integer | P | P |
|  | | | | | |
| *Atribute Name : requirement* | | | | | |
| 1.1..1 | Null | Ubah Job vacant | Null | F | F |
| 2.text | Null | Ubah Job vacant | Text | P | P |
|  | | | | | |
| *Atribute Name : description* | | | | | |
| 1.1..1 | Null | Ubah Job vacant | Null | F | F |
| 2. (text) | Null | Ubah Job vacant | Text | P | P |
|  | | | | | |

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| *Class Invariant Test Specification* | | | | *Page 4 Of 7* | |
| *Class Name :****REPORT*** | | *Version Number :1.0* | |  |  |
| *Tester* |  | *Data Designed :* | | *Data Conducted :* | |
| *Testing Objective: Memvalidasi hasil input data* | | | | | |
| *Test Case* |  |  |  |  |  |
| ***Invariant Description*** | ***Original Atribute Value*** | ***Event*** | ***New Atribute Value*** | ***Expected Result*** | ***Result F/P*** |
| *Atribute Name : isi\_report* | | | | | |
| 1.1..1 | Null | Ubah Report | Null | P | P |
| 2.(text) | Null | Ubah Report | String | P | P |
|  | | | | | |
| *Atribute Name : nilai\_kompetensi* | | | | | |
| 1.1..1 | Null | Ubah Report | Null | P | P |
| 2.Integer | Null | Ubah Report | Integer | P | P |
|  | | | | | |

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| *Class Invariant Test Specification* | | | | *Page 5 Of 7* | |
| *Class Name :****AVAILABLE\_SCHEDULE*** | | *Version Number :1.0* | |  |  |
| *Tester* |  | *Data Designed :* | | *Data Conducted :* | |
| *Testing Objective: Memvalidasi hasil input data* | | | | | |
| *Test Case* |  |  |  |  |  |
| ***Invariant Description*** | ***Original Atribute Value*** | ***Event*** | ***New Atribute Value*** | ***Expected Result*** | ***Result F/P*** |
| *Atribute Name : available\_date* | | | | | |
| 1.1..1 | Null | Ubah Schedule | Null | F | F |
| 2.(date) | 0000-00-00 | Ubah Schedule | Date | P | P |
|  | | | | | |
| *Atribute Name : available\_times* | | | | | |
| 1.1..1 | Null | Ubah Schedule | Null | F | F |
| 2.(time) | Null | Ubah Schedule | Time | P | P |
|  | | | | | |
| *Atribute Name : notes* | | | | | |
| 1.1..1 | Null | Ubah Schedule | Null | P | P |
| 2.(text) | Null | Ubah Schedule | String | P | P |
|  | | | | | |

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| *Class Invariant Test Specification* | | | | *Page 6 Of 7* | |
| *Class Name :****WORK\_EXPERIENCE*** | | *Version Number :1.0* | |  |  |
| *Tester* |  | *Data Designed :* | | *Data Conducted :* | |
| *Testing Objective: Memvalidasi hasil input data* | | | | | |
| *Test Case* |  |  |  |  |  |
| ***Invariant Description*** | ***Original Atribute Value*** | ***Event*** | ***New Atribute Value*** | ***Expected Result*** | ***Result F/P*** |
| *Atribute Name : position* | | | | | |
| 1.1..1 | Null | Ubah Schedule | Null | P | P |
| 2.(varchar(70)) | Null | Ubah Pengguna | String > 70 karakter | F | F |
| 3.(varchar(70)) | Null | Ubah Pengguna | String < 70 karakter | P | P |
|  | | | | | |
| *Atribute Name : company* | | | | | |
| 1.1..1 | Null | Ubah Schedule | Null | P | P |
| 2.(varchar(70)) | Null | Ubah Pengguna | String > 70 karakter | F | F |
| 3.(varchar(70)) | Null | Ubah Pengguna | String < 70 karakter | P | P |
|  | | | | | |
| *Atribute Name : start* | | | | | |
| 1.1..1 | Null | Ubah Schedule | Null | P | P |
| 2.(date) | 0000-00-00 | Ubah Schedule | Date | P | P |
|  | | | | | |
| *Atribute Name : end* | | | | | |
| 1.1..1 | Null | Ubah Schedule | Null | P | P |
| 2.(date) | 0000-00-00 | Ubah Schedule | Date | P | P |
|  | | | | | |

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| *Class Invariant Test Specification* | | | | *Page 7 Of 7* | |
| *Class Name :****INTERVIEW*** | | *Version Number :1.0* | |  |  |
| *Tester* |  | *Data Designed :* | | *Data Conducted :* | |
| *Testing Objective: Memvalidasi hasil input data* | | | | | |
| *Test Case* |  |  |  |  |  |
| ***Invariant Description*** | ***Original Atribute Value*** | ***Event*** | ***New Atribute Value*** | ***Expected Result*** | ***Result F/P*** |
| *Atribute Name : keterangan* | | | | | |
| 1.1..1 | Null | Ubah Schedule | Null | P | P |
| 2.(text) | Null | Ubah Schedule | String | P | P |
|  | | | | | |
| *Atribute Name : cara\_wawancara* | | | | | |
| 1.1..1 | Null | Ubah Schedule | Null | P | P |
| 2.(varchar(70)) | Null | Ubah Schedule | Meet up | P | P |
| 3.(varchar(70)) | Null | Ubah Schedule | Skype | P | P |
|  | | | | | |
| *Atribute Name : notes* | | | | | |
| 1.1..1 | Null | Ubah Schedule | Null | P | P |
| 2.(text) | Null | Ubah Schedule | String | P | P |
|  | | | | | |