# Scenarios for Personal details records Stage 4 Version

## Junit tests need to be designed from these:

## Personal details records

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| *Use case name* | Authorisation check |
| *Participating actors* | Authorisation, HRDatabase |
| *Flow of events:  Normal flow* | 1. Check the user's authorisation to complete the requested action. 2. Grant requested access. |
| *Flow of events:  Alternative flow* | User does not have the required authorisation rights.  2. Deny access. |
| *Pre-condition* | User is authenticated. |
| *Post-condition* | Normal flow: User is authenticated and access granted.  Alternative flow: User is authenticated and access denied. |

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| *Use case name* | Read personal details |
| *Participating actors* | User, HREmployee, Director, HRDatabase |
| *Flow of events:  Normal flow* | 1. Request personal details record. 2. Include: Authorization check 3. HR Database delivers record to user. 4. User finishes with access to the record. |
| *Flow of events:  Alternative flow* | Authorisation check fails.  3. No records are delivered to the user. |
| *Pre-condition* | User is authenticated. Record exists in the database. |
| *Post-condition* | User is authenticated. Record is unchanged in the database. |

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| *Use case name* | Create personal details record. |
| *Participating actors* | HREmployee, HRDatabase |
| *Flow of events:  Normal flow* | 1. HR Employee requests a new personal details record. 2. Include: Authorisation check. 3. A new personal details record is created. 4. HR Employee completes the details in the record. 5. New record is saved in the HR Database. |
| *Flow of events:  Alternative flow* | Authorisation check fails.  3. No new record is created.  Record is not or cannot be saved.  5. New details are lost. |
| *Pre-condition* | HREmployee is authenticated. Record does not exist. |
| *Post-condition* | HREmployee is authenticated.  Normal flow: New personal details record has been created in the HRDatabase.  Alternative flow: HRDatabase is unchanged. |

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| *Use case name* | Amend personal details record |
| *Participating actors* | User, HREmployee, HRDatabase |
| *Flow of events:  Normal flow* | 1. Include: Authorisation check to obtain write access. 2. Include: Read personal details. 3. Amend the record. 4. Save amended record to HRDatabase. |
| *Flow of events:  Alternative flow* | Authorisation check fails.  1. Write access to the record is denied.  Record cannot be retrieved.   1. Record is not available.   Record not saved.   1. Amended details are lost. |
| *Pre-condition* | HREmployee is authenticated. Personal details record for user exists. |
| *Post-condition* | HREmployee is authenticated. Personal details record for user exists.  Normal flow: Record has been amended.  Alternative flow: Record remains unchanged. |