**System Design Specification**

**for**

**Project Title: HESA 2014/2015**

**Project Code: HRS085**

**Version: 0.2**

**Date: 05/05/15**

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# Document Management

## Contributors

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## Version Control

Please document all changes made to this document since initial distribution.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Date** | **Version** | **Author** | **Section** | **Amendment** |
| 29/04/15 | 0.1 | Pamela Smulski | All | First Draft |
| 05/05/15 | 0.2 | Pamela Smulski | All | Minor changes |
|  |  |  |  |  |

# OVERVIEW

The university has a legal requirement to return a Staff report to the Higher Education Statistic Agency (HESA) and this project is to enable the required alterations as specified by HESA for the 2014/2015 report.

The changes for this year’s project affect the HESA extract scripts, the APEX HESA modification application, the XML report itself and the Universe in BI Suite that permits access to this data.

The ERecruitment system will not be affected by this year’s changes.

# DEVELOPMENT TOOLS AND STANDARDS

## Development Tools

Oracle reports builder

## Development Standards

Tick the appropriate box to indicate the standards being followed for this application:

|  |  |
| --- | --- |
| **Standard** | **√ indicates compliance** |
| Database Design | x |
| Oracle HRMS application |  |
| Oracle Application Express |  |
|  |  |
|  |  |

# HESA Extract Modifications

## Archive Process

This has to be resolved and applied to Test and Live before the rest of the project can progress.

The archive process dos not currently contain the RESAST or the REFUOA2014 field and to maintain last year’s data we need to add this prior to the archive of 2013/2014 being processed.

Alter the sql statements in EPP0106.sql located on the application server under $UOE\_TOP/sql to include these fields.

After this revised archive has been run through to Live, the fields listed in section 4.4 should be removed so that next year’s archive ( in 2016) can be run without additional modifications. This change should be applied to Test and Live with the remaining HESA project changes.

## Relocation of RESAST

This is covered in Jira HRS085-3

This change cannot be applied until the Archive 2013/14 (section 4.1) is complete.

The RESAST field is currently stored in the ‘person’ details and is to be moved to be stored in the ‘assignment’ details.

Changes required:

Remove RESAST from the UOE\_HESA\_PERSON\_DETAILS table.

Add field RESAST to UOE\_HESA\_CONTRACT\_DETAILS with definition VARCHAR(1).

Renaming the field on UOE\_HESA\_PERSON\_DETS\_ARCHIVE from RESAST to RESAST\_PRE2014 has been completed as part of the pre-project work on the archiving process.

Remove the code in UOE\_HESA\_EXTRACT\_STEPS that relates to RESAST being in the person table.

Add appropriate code the handling of UOE\_HESA\_CONTRACT\_DETAILS to populate the contracts table with RESAST.

## STARTCON, ENDCON & DATFHEI Format

This covered in Jira HRS085-4

Check in the HESA tables, extract code, XML and APEX that removal of the ‘DateWithNullStructure1’ date format from these fields will not affect these areas. Modify if required.

## Remove ECRSTAT, REFUOA2014 and ACTCHQUAL

This covered in Jira HRS085-5

Remove all processing of ECRSTAT, REFUOA2014 and ACTCHQUAL1 (there are 6 of these named ACTCHQUAL, ACTCHQUAL2, ACTCHQUAL3 etc) from the UOE\_HESA\_EXTRACT\_STEPS and UOE\_HESA\_UTILS packages.

Remove ECRSTAT, REFUOA2014 and ACTCHQUAL1-6 from the APEX screen relating to current person details and contracts. Keep them in the archive screens.

Remove ECRSTAT, REFUOA2014 and ACTCHQUAL1-6 from the XML output script.

## BI Suite Universe

This is covered in Jira HRS085-7

Remove RESAST from the Universe for current person information and alter the field selected currently as RESAST on the archived person details screen to RESAST\_PRE2014.

Add RESAST to the assignment current and archive information screens, this field is called RESAST and located on the UOE\_HESA\_CONTRACT\_DETAILS and UOE\_HESA\_CONTRACT\_DETS\_ARCHIVE tables.

Remove the fields ECRSTAT, REFUOA2014 and fields ACTCHQUAL1 thru 6 from the BI Suite Universe but leave them on the archive table queries. All of these fields are located on the UOE\_HESA\_PERSON\_DETAILS table.

## Changes from Last Year

Covered in Jiras HRS085-1 and HRS085-2

**TERMS**

The TERMS field was not fully populated for last year’s HESA.

Rules: 1 Open ended contract

 2 Fixed term contract

 3 GH (was HTBN)

This field should be based on the contract\_type for everyone in the HESA return

Check existing code and ensure these rules above are being applied. Check for potential overwrites.

**DATFHEI**

The DATEFHEI was not reported correctly in all instances in last year’s HESA return.

Rules:

Use the User Service Start Date (located on Person screen)

Unless there is a Moray House Continuous Service Date (Additional Person details ATTRIBUTE23)

Unless there is an assignment Continuous Service date ( Additional Assignment Details – Ass\_ATTRIBUTE27)

Check existing code and resolve susing these rules.

## XML Output sequence

This is covered in Jira HRS085-6

Modify the XML Ouput script, EPP4235, to fit with the new layout format as specified on the HESA website. Look for C14025.xsd near the end of this web page.

<https://www.hesa.ac.uk/index.php?option=com_studrec&task=show_file&mnl=14025&href=RevisionHistory.html>