GSOC 2012 Refactoring

Refactor services

- StaffService
  - (Provider)
  - Staff
  - StaffAttribute
  - StaffAttributeType
  - StaffTag
- QualificationService
  - Certificate
  - Education
  - StaffCert
- PostService
  - Assignment
  - IscoCodes
  - JobTitle
  - Leave
  - Post
  - PostHistory
- TrainingService
  - Training
  - TrainingClass
  - TrainPerson
- ReportingService
  - Report
  - ReportParameter
- CompetencyService
  - Competency
  - Evaluation
  - StaffNote
  - (TrainingCompetency)

Service Stack
[Image description]

**User Views**

**Landing Page**

**Staff view (tab metaphor)/ HR Clerk Views**

- **Personal**
  - from Staff, Staff Attributes
  - modal page for editing
- **Post/Assignment**
  - from Post, PostHistory, Assignment
  - modal pages for transactions
- **Leave**
  - from PostHistory, Leave
  - modal page for editing
- **Education**
  - from Education
  - modal page for editing
- **Certification**
  - from Certification, StaffCert
  - edit mode or modal page for editing
- **Evaluation**
  - from Evaluation, Note
• modal page for editing evaluation
• modal page for editing note (like discipline except note type)
• Discipline
  • from Note
  • modal page for editing
• Injury (like discipline except note type)
  • from Note
  • modal page for editing
• Training
  • from TrainPerson, TrainingCourse, Training
  • modal page for editing

Management Functions/HR Manager Views

• Jobs
  • Import/edit ISCO codes
  • Add/edit/retire cadres
  • Add/edit/retire job titles
• Posts and Leaves
  • Add/close posts
  • Add/retire leave types
• Training and competencies
  • Add/edit/retire competencies
  • Add/edit/retire trainings, training competencies
  • Add/edit/retire training courses
• Qualifications
  • Add/edit/retire certifications

Staff Training, Patient Education

• Same functionality, different target population and courses
• Find people in need of training
  • Select (cadre, job title category, all)/cohort
  • Select competency or training or all and start date
  • Display people without competency or training since start date
  • Mark people to be scheduled
• Find training class
  • Select competency or training (remembered from find people)
  • Display available training courses for selection
  • Assign people to be scheduled to class
• Update training class assignments
  • Add/drop
  • Edit completion status

Report generation

• Start with existing report generation functionality
• Possibly add report retention and reprinting

Admin views

• Settings
  • Settings (formerly Global Properties from platform 1.8 downwards), location tagging
  • Add/edit available reports

Service-Level Permissions

• HR Manager
  • Permissions to all the management functions listed above.
• HR Weak Clerk
  • Add/Edit Assignment
  • Add/Edit Post History
  • Edit Staff
  • Add/Edit Education
  • Add/Edit Certification for Staff
  • Add/Edit Evaluation
  • Add/Edit Leaves
  • Add/Edit Evaluation
  • Add/Edit Discipline
  • Add/Edit Injury
  • Add/Edit Training
• HR Strong Clerk
  • Add Post
  • Add Job Title
  • Add Staff
  • Add Training and Competencies
  • Add Certifications
• All HR Weak Clerk Permissions

Find the methods related to these in the currently existing services - HRService and HRManagerService. Once these services are refactored, it should be fairly easy to identify which service call carries what permission.