1. Faculty Management
   1. Faculty Tile Management
      1. The system shall generate a Faculty Tile using record information
      2. The system shall maintain a Faculty Tile layout
      3. The system shall restrict the Faculty layout based on page window size
   2. Faculty Information Management
      1. The system shall allow restricted access to edit a faculty profile
      2. The system shall allow restricted access to delete a faculty profile
      3. The system shall allow restricted access to create a faculty profile
      4. The web admin shall have access to faculty information management
      5. The department chair shall have access to faculty information management
      6. The faculty will be restricted to their individual profiles
2. Student Management
   1. The system shall provide an interface for student project sharing
      1. The system shall have a page for student projects
      2. The system shall allow students to add projects
      3. The system shall allow students to edit projects
      4. The system shall allow students to request project deletion
      5. The system shall allow faculty review a request for deletion
      6. The system shall allow faculty to, at any time, remove a project for any reason
   2. The system shall provide a CSET (only) tutoring interface
      1. The system shall provide a web interface for CSET tutoring
      2. The system shall allow a tutor to register their profile
      3. The system shall allow a tutor to request to delete their profile
      4. The system shall allow a tutor to update their profile
3. Curriculum Management
   1. The system shall provide a view of the degrees offered by OIT
   2. The system shall use the degree view to filter curriculum information
   3. The system shall display a space conscious course list
   4. The system shall display a space conscious curriculum map
   5. The system shall provide restricted access to manage curriculum information
   6. The system shall provide restricted access to add curriculum information
   7. The system shall provide restricted access to remove curriculum information
   8. The system shall provide restricted access to update curriculum information
   9. The web admin shall have access to curriculum management
   10. The department chair shall have access to curriculum management
   11. The system shall allow the web admin or department chair to provide permissions to a specific faculty member for access to curriculum management
4. Resource Management
   1. The system shall provide access to the DreamSpark OIT direct portal link
   2. The system shall provide access to the CSET SharePoint page via link
   3. The system shall provide an interface to query CSET print quota
   4. The system shall authenticate student/faculty credentials to query print quota
   5. The system shall display print quota information
      1. The print quota information shall contain user name
      2. The print quota information shall contain total pages printed
      3. The print quota information shall contain balance
      4. The print quota information shall contain pages left
      5. The print quota information shall contain paid balance
      6. The print quota information shall contain paid pages left
   6. The system shall provide lab management operations
      1. The system shall provide access to the CSET Lab reporting server
      2. ~~The system shall allow users to submit Lab Reports~~
      3. ~~The system shall provide an interface to manage Lab Reports~~
      4. ~~The system shall allow workers to update a Lab Report~~
      5. ~~The system shall allow restricted access to delete Lab Reports~~
      6. ~~The system shall allow restricted access to assign Lab Reports~~
   7. The system shall provide an interface to maintain important/useful documents
      1. The system shall provide access to the OIT Coding Standard
      2. The system shall provide access to the “IE and Sharepoint.doc” file
      3. The system shall provide access to the “C\_vs\_Cpp.doc” file
      4. The system shall provide restricted access to upload new documents
      5. The system shall provide restricted access to delete a document
5. Visitor Management
   1. The system shall provide a visitor view of the CSET department
   2. The system shall provide an optional guided digital tour of the CSET department
   3. The system shall provide a request information interface for visitors
6. CSET News Management
   1. The system shall provide a view of current CSET events
   2. The system shall provide restricted access to add new CSET events
   3. The system shall provide restricted access to remove CSET events
   4. The system shall provide restricted access to edit CSET events
   5. The system shall provide a restricted access page to manage CSET events
7. News Feed Management
   1. The system shall contain a source list of news medium
   2. The system shall allow restricted addition of a new news source
   3. The system shall allow restricted deletion of a news source
   4. The system shall create a News Tile for each news source in the current list
   5. The system shall create a News Tile collection widget
   6. The system shall update a News Tile collection widget while home page is active
8. Authentication Management
   1. The system shall allow a student to login to the database
   2. The system shall allow a faculty to login to the database
   3. The system shall distinguish between student and faculty permissions
   4. The system shall provide credential validation
   5. The system shall allow a student to register with student permissions
   6. The system shall allow a faculty to register with faculty permissions
   7. The system shall allow a valid user to edit their password
9. Database Management
   1. The system shall manage a SQL database
      1. The system shall implement business object mirrors of SQL tables
      2. The system shall create a connection to a SQL database
      3. The system shall close a connection to a SQL database
   2. ~~The system shall manage an Object Linking and Embedding database~~
      1. ~~The system shall implement business object mirrors of OLE tables~~
      2. ~~The system shall create a connection to an OLE database~~
      3. ~~The system shall close a connection to an OLE database~~