**Stakeholders:**

**Names of Software Engineers**

Ryan Lee

Dylan Harbin

Philip Starck

Lisa Ngo

Han Li

**USE CASES**

Trainees

* A trainee logs in to the LCMS and:
  + Views his/her training history
    - They have no history
      * User goes to first objective lesson plan
      * alternately, they quit, case ends
    - User has history
      * User continues to current objective
  + Selects a lesson plan
    - User meets requirements for lesson plan
      * User begins lesson
        + Users lesson is recorded in history
      * alt, user selects a different lesson
    - User does not meet requirements
      * User selects another lesson or prerequisite lesson
      * User receives administrative permission to take the lesson
  + Takes a course evaluation
    - User has finished lesson plans associated with course evaluation
      * User takes course evaluation
        + User passed

Update user history

Notify instructor

User proceeds to next course

* + - * + User fails

User awaits instruction decision regarding course failure

User is failed out of the training program

alternatively, instructor overrides program decision

User is allowed to retake the course

* + - User has not finished lesson plans associated with course evaluation
      * User continues taking lesson plans
  + Change password
    - User is logged in
      * User navigates to account management
        + User requests password change

User enters new password

* + - User unable to log in
      * User requests password reset
        + User prompted for security info, maximum of 5 tries

Correct

User prompted for a new password

Wrong

User tries again

Alt, after the 5th time, user is locked

User account is locked for 15 minutes

Administrators notified of activity

User prompted to seek administrative help

Training Administrators

* A training administrator logs in to the LCMS and:
  + Creates a course
    - User uses lesson plan management tools
      * User creates course for dynamic list of lessons generated by the program
      * User modifies program generated lesson
        + User has selected a generated lesson to modify
      * User saves the course
      * Alt, User cancels creation of the course
  + Update a course
    - User navigates to saved courses
      * User selects an existing course to update
        + User begins updating course, adding/removing lessons
        + Alt, User cancels changes
  + Assign course to trainee
    - User navigates to saved courses
      * User selects a saved course to assign
        + User selects multiple users that the course may be assigned to
  + Views a trainee’s training history
    - User navigates to trainee profiles
      * User selects trainee history

Administrator

* An administrator logs in to the LCMS and:
  + Views accounts
  + Creates accounts
    - User navigates to account management tools
      * User selects create account function
        + User selects account type

Trainee

Instructor

* + - * + User fills in supplied user info
        + Account is created with temporary password

User sends login information to new account owner upon activation

* + - * + Alt, User cancels
    - Alt, User cancels account creation
  + Disables/Archives account
    - User navigates to account management tools
      * User selects account disabling function
        + User selects accounts to disable

Accounts are disabled

System kicks any accounts that are currently logged that were disabled

Alt, User cancels

* + Deletes accounts
    - User navigates to account management tools
      * User selects account deletion function
        + User selects accounts from list of disabled accounts to delete

Account is permanently removed

Alt, User cancels

Government Auditors

* A government auditor logs in to the LCMS and:
  + Views a trainee’s hours
  + Views an instructors hours
  + Views the programs master log