



# Product Roadmap & Getting Started

ITO LMS

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# Major Steps

(prioritized as agreed upon by ITO/Mgmt team)

0 – Preparation

1 – Basic client/consultant functions

2 – Detailed client/consultant functions

3 – Office Admin functions

4 – Reporting

5 – Discussion Forums

# Preparation

- Create Subversion repository for the project
- Database schema – define basic tables required, additional schema to follow in future sprints as required.
- Database setup scripts – provision basic data to allow code base to initialize
- Code base
- Style sheets (CSS) for Admin, Consultant, Client
- Basic Login for Admin, Consultant, Client

# Basic client/consultant functions

- Framework for accessibility and bilingualism
- Office Admin can provision clients and consultants, and assign clients to consultants
- Consultant and Clients can exchange messages.
- Consultants can view training material list, and can examine courses.
- Consultants can assign training material to Clients
- Clients can view assigned training material list, and take assigned courses
- Clients and Consultants can view Other Resources
- Client interactions with training material including duration are logged.
- There will be a limit to the amount of time that will be logged for any training material
- Clients and consultants can change password, or request new password (forgot password)

# Detailed client/consultant functions

- Clients and Consultants can view calendar events and notifications.
- Quizzes (proficiency evaluation tests) can be attached to training material (via database script?)
- Client's quiz results are logged.
- Clients can view their own participation record, including quiz results.
- Consultants can view participation records for clients, including quiz results.
- Consultants require security question/answer to log in
- Consultants can change security question and answer

# Office Admin functions

- Super admin can add new offices and administrators
- Super admin can reset an office administrator's password, or change office administrators.
- A Logo and colour scheme can be set for an office.
- Office admin can change passwords and security questions for self, consultants and clients
- Office admin can add items to the calendar
- Office admin can create, edit and delete notifications
- Office admin can view training material, and create new material (non video)
- Office admin can create a placeholder for video material
- Office admin can create evaluation materials (quizzes)
- Office admin can add evaluation materials to training material segments.
- Office admin can create, view and edit other resources.

# Reports

- Reports are available from the data,(  
format etc. tbd.)
- Archiving or removing old data  
(notifications, old clients, expired  
calendar items, old messages and  
attachments)
- Consultants can send SMS (text)  
messages to clients.

# Discussion Forums

- Discussion forum available to Admins, Clients and Consultants
- Additional items TBD as project progresses



# What's in it for me?

- Peer Group requested: more mentoring, more process, more experience that closely matches job postings
- Solution: Scrum! Most popular agile methodology for software development AND organizations as a whole (buzzword: agility)

# “Waterfall” vs Agile



Agile Methodology



From: <https://www.linkedin.com/pulse/what-agile-methodologydisadvantage-waterfall-model-bikesh-srivastava>

# Getting Started

- This week: forming teams, Design the Box, & diving in!
- Next week: Presentation on “Pure” Scrum and adaptations for our unique group. If you'd like to learn more before then, check out these resources:
  - Agile in a nutshell:  
<http://www.agilenutshell.com/>
  - <https://www.tutorialspoint.com/agile/>
  - Lynda.com -> Scrum, The Basics
  - Agile Ottawa Meetup Group

# Scrum/Sprint Teams

- Self-organizing but minimum one of each role per team:
  - Developer, tester, *product owner*, *scrum master* \*
  - Plus subject matter experts as needed
- \**product owner* & *scrum master* roles will be filled by management team initially
- Task: “Design the Box” as a scrum/sprint team

# Design the Box

Front:

- Product Name (suggest one or use ITO LMS!)
- Some type of graphic if you like
- 3 – 4 key bullet points for why this project is being done (ITO and peer group perspectives)

Back:

- feature description
- Identify any requirements to research for ITO LMS, such as implementation constraints due to architecture changes, etc.
  - IE: accessibility
  - IE: calendar
  - IE: other?

# Sprint Pre-Planning

- Introduction of job stories
- Create high level overview of tasks
- Consider which tasks you want to tackle