Video - 1

* Product building, Product burning
* Product update

-Subject include/exclude

-Release to Market

-Release course to market

-Generate Update

-Exclude subject burning

-Add update creation

* Reports

-Syllabus reports

-Course reports

* Image portal
* Setting

-User preferences

-Product burning path

-Import syllabus to course

-Import syllabus Sb subject to course

-Manage Master

Video - 2

* CMS main feature

-CMS overview and startup process

-MySQL Database properties

-Concept overview and functionality

-Add objects

-ConceptObjectMappingController.java

-CMDHELPER.java

-Database Tables(According to the topic)

Video - 3

* Database Tables(According to the topic)
* CMS management

-Manage Master(In Detail)

-Import master from previous year

-CategoryDetailServiceImp.java

-Working and Functionality of EMS

* Syllabus

-Syllabus Creation (In Detail)

* Add Chapter

-Add topic and sub topic

* Import master from previous year

Video - 4

* Database Tables(According to the topic)
* Activity Creation

-Add activity

* Template Building according to the activity
* Question Creation(In Detail)

-TcQuestionManagement.java

* Question remedy
* Setting

-Arihant question type(In Detail)

* User subject mapping
* User management
* Release to market

Video - 5

* Product building and Product burning(In Detail)

-Product creation

-Manage Content/Add Content

-Product content mapping

-Building objects(In Detail)

* Database Tables(According to the topic)
* TC pro/TA/TC Burning(In Detail)

-TCTAProductController.java

-TCTAProductServiceImpl.java

* About Install4j
* Lesson plan product building(In Detail)
* Lesson plan instruction guide(In Detail)
* Utop Building and Burning
* YouTube Building and Burning
* Release to market
* UM Update Generation

Video - 6

* Building object (Revision)
* Database Tables(According to the topic)
* Code review
* TCTAProductController.java
* UtopProductController.java
* YouTube Building and Burning
* Update generation
* UMUpdateController.java
* UMUpdateGenerationServiceImpl.java

Video - 7

* CMS Documentation
* User Preference
* Course

-Category Management

* CourseImportFromSyllabusController.java
* View Log
* Template Master

Video - 8

* Database Tables(According to the topic)
* Cloud to CMS Data Import
* TS to CMS Data Import
* CMS TS Data Mapping
* CMS to TS Data Synchronized
* CMS to TS question type master
* CMS to TS question import
* Syllabus Publication
* Reports

-Syllabus reports(In Detail)

-Syllabus Concept Object Mapping Report

-Question Level Report

-Update Reports

Video - 9

* Database Tables(According to the topic)
* Category

-List of Category

-Add Category

-Add Sub Category

* Add course
* Add System Tag
* Concept Mapping with chapter
* Add/Edit Intro Text
* Add chapter
* Adding course to the category tree
* Creating bundle of course

Video - 10

* Release course to market

-Question view

* Parent Update, Child update.
* CourseUpdateServiceImpl.java
* Syllabus to course import
* Conversion and joining
* Question error group management
* Question Error group mapping
* Enable for Re-Syncs
* Course Report
* Update question type

Video - 11

* Image portal

-Upload/Drop files

* Database Tables(According to the topic)
* ImageTagProcessorController.java
* HomeController.java
* CategoryDetailController.java
* ChapterVersionController.java
* ReportController.java
* SyllabusChapterDetailController.java
* TopLockApiController.java
* CourseUpdateController.java

Technical Documentation

NOTE - methods that returns the pages named with la are new ones

1. Initializes the “Initialize On Startup” class
   1. Loads the properties value through the file mysql\_database.properties with the help of class “Constants.java”
   2. Variable Initializing with the web.xml
   3. Starting cms socket server for swf to mp4 conversion utility
   4. Starting cms socket server for single mp4 utility
   5. Initializes “Task for cron” method
   6. Iniitializes “task for Umcron” method

Login Module

1. la\_login.jsp -> login.controller-> login.service-> login.serviceImpl
   1. Management and validation of the user as per role. For example if user has a last name equals “Admin”, “Adminnimit” or “AdminParesh ” then system will allow to menus of Product Management and system tag management.
   2. If the user contains the last name equals“super admin” the the isSuperAdmin Is set to be true
   3. If the user contains the username equals“arihant ” then the arihant is set to be true and page will directly be redirected to the question creation.
   4. If the user has the last name equals “course question user” then courseQuestionUser is set to be true and page will directly be redirected to the course listing.
   5. If the user has the last name equals to ”activity portal” then the isActicityPortalUser is set to be true and the page will directly be redirected to the activity master.

Concept Module

1. There are two fields require to create a concept. Subject, Language. In which subject we want to add concept and in which language we want to add concept. Also there is a button called add subject from which we can add subject which is managed by “la\_addnewsubject.jsp”
   1. We can add any subject at any level of the hierarchy also it has the functionality to edit delete add the sub concept
   2. And then there is functionality of adding the object to the concept
   3. To add the object to the concept there are four mandatory fields
      1. Academic type of an object
      2. Object naame
      3. Diplay object name
      4. Location of the object
2. Utility starts the processing at this step.
   1. Fetches all the properties of the object through the utility of the node Js
   2. Also at this stage it starts converting the swf files to the mp4 files.
   3. And also starts the utility for the joining of the mp4 files starts here
   4. Added objects are listed at the right side of the page.

Syllabus Module

1. ManageMasterController-> CategoryDetailService, CmsActivityLogService
2. Creation of a syllabus
   1. Child hierarchy start from creating a chapter
   2. Chapter is added to the subject from here
   3. To create a chapter cms requires 4 mandatory fields
      1. Chapter No.
      2. Display No.
      3. Chapter Name
      4. Weightage (As per board pattern)
      5. Non of this field should be empty. After giving all this fields chapter will created
   4. Created chapter will displayed after that every chapter has 4 functionality
      1. Edit Chapter
      2. Delete Chapter
      3. Add Topic
         1. Same as below we can add topic, delete topic, add sub topic and map it with concept
      4. Map with concept
         1. After selecting subject and language it will return all the concept that are created previously
         2. There is an icon of eye in the list of the concept by clicking on it it will return the list of the object that have been bind with that particular concept
3. Creation of Activity
   1. For adding an activity there are four mandatory fields
      1. Templete type
      2. Display name
      3. Hint
      4. How to play
4. Searching an activity
   1. Selecting a hierarchy from syllabus year to the chapter name, activity can be searched
   2. Also concept can be mapped with activity and other activity can also be mapped with the activity
   3. Also we can filter the activity list by selecting templete type and templete
   4. Also we can delete the activity from the list by clicking the delete button
   5. In the list of the activity list there is an action field I in which there are 3 things
      1. Mobile preview of the activity
      2. Web preview activity
      3. Download the activity

Import master from previous year

1. Id is fixed for the admin to import the syllabus
   1. Password is also declared static for the import syllabus which is “1234567”
   2. If password is right then .afterpassword will be displayed, else before password will be displayed

Course Module

1. Course
   1. List Category
      1. Add Category butto which has 5 fields
         1. Category name
         2. Display name
         3. Thumbnail
         4. Sequence number “which is static from getNextSequenceForCategory”
         5. Diplay online