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| **Use Case ID** | UC-KIA-CLM-I-01 |
| **Use Case Description** | This use case describes how instructors can create a class for a product title using the Class Management wizard. |
| **Actor(s)** | Instructor |
| **Pre-Condition(s)** | 1. Actor(s) must be logged in as Instructor. |
| **Basic Flow** | 1. Actor(s) will click ‘CREATE CLASS’ button for a product title on the dashboard page. 2. System will launch the ‘Class Management Wizard’ in create mode.   *Apply Business Rule 1, 2*   1. Actor(s) will execute following steps in order to create a class: 2. Select a product from the dropdown list. 3. Enter a title for the class. 4. Enter a brief description on class (optional). 5. Select Start Date using date picker tool 6. Select End date using date picker tool 7. Click SAVE AND CONTINUE button.   *Go to Exception Flow 1*   1. System will create a class based on the actor(s) inputs and display a confirmation message with a CONTINUE button.   *Refer Copy 2*   1. Actor(s) will click CONTINUE button.   *Apply Business Rule 3*   1. System will display an alert message promoting actor(s) for class customization with OK and RETURN TO DASHBOARD buttons.   *Go to Extension Flow 1*  *Refer Copy 3*   1. Actor(s) will click RETURN TO DASHBOARD button. 2. System will redirect actor(s) to the Dashboard page and display the class that has been created within the active classes list below the product title. |
| **Alternate Flow** | 1. CLONE CLASS 2. Actor(s) will click the CLONE CLASS button for a product title on the dashboard page. 3. System will launch the ‘Class Management Wizard’ in Clone mode.   *Apply Business Rule 1, 2*   1. Actor will select a class from the class drop-down list.   *Apply Business Rule 10*   1. Actor(s) will follow **Basic Flow – up to Step 5** and then click the SAVE AND CONTINUE button. 2. System copy all the settings of the selected class apply to new class.   *Apply Business Rule 10*   1. Actor(s) will continue with **Extension Flow 2.**   - OR –  Actor(s) will click the ‘Return to Dashboard’ link within the Class Management Wizard.   1. System will save all the settings on the page, exit the Class Management Wizard and redirect actor(s) to the dashboard page and display the class that has been cloned within the active classes list below the product title. |
| **Extension Flow** | 1. CUSTOMIZING A CLASS   **STEP 1: LESSON EXCLUSION AND REORDERING**   1. Actor(s) will click OK button on class customization message pop-up in the Class Management Wizard launched in create mode.   - OR –  Actor(s) will click the ‘Lesson Reorder’ link within the Class Management Wizard.   1. System will redirect actor(s) to the Lesson Reorder Page.   *Apply Business Rule 4*   1. Actor(s) will drag a lesson from the right panel and drop it anywhere within the left panel. 2. System will place the lesson in its original order within the master class and the lesson will remain drag-able. 3. Actor(s) will repeat ‘Step III’ above to create a customized list of lessons. 4. Actor(s) will drag a lesson from the right panel and drop in between any 2 lessons within the right panel. 5. System will insert the lesson between the 2 lessons. 6. Actor(s) will repeat ‘Step VI’ above to create a reordered list of lessons. 7. Actor(s) will click RESET button. (optional) 8. System will reset to default screen settings. 9. Actor(s) will click SAVE and CONTINUE button on Lesson Reorder page. 10. System will save the customized lesson list and display a confirmation message.   *Refer Copy 4*   1. Actor(s) will close the confirmation message. 2. System will redirect actor(s) to the Pretest Settings Page.   **STEP 3: CUSTOMIZE LESSONS SETTINGS FOR CLASS**   1. Actor(s) will select a lesson from the drop-down list to customize. (optional)   *Apply Business Rule 5*   1. Actor(s) will select a common start date for all assignments within the selected lesson.   - OR –  Actor(s) will select a different start date for a specific exercise within the lesson. (optional)  *Apply Business Rule 6*   1. Actor(s) will select a common due date for all assignments within the selected lesson. (optional)   - OR –  Actor(s) will select a different due date for a specific exercise within the lesson. (optional)  *Apply Business Rule 7*   1. Actor(s) will select a common grading rule for all assignment within the selected lesson.   - OR –  Actor(s) will select a different grading rule for a specific exercise within the lesson. (optional)  *Apply Business Rule 8*   1. Actor(s) will check the box for “Set All Generation Exercises in this Lesson as Group Assignment”. (optional) 2. Actor(s) will un-check the box next to an exercise. 3. System will exclude that exercise from class.   *Apply Business Rule 9*   1. Actor(s) will click the ADD FILE OR LINK button.   *Go to Exception Flow 2*   1. System will display the Add File or Link Resource Pop-up. 2. Actor(s) will enter a title for the resource. 3. Actor(s) will browse file from local system using BROWSE button and select a file to upload. 4. System will display the file path. 5. Actor(s) will click the SAVE AND UPLOAD button. 6. System will upload the selected file from the local system onto the server.   -OR- (post step x)   1. Actor(s) will click the URL checkbox. 2. System will hide the BROWSE button and display a blank text field. 3. Actor(s) will enter URL into text field and click the SAVE button. 4. System will save the URL as a resource for the lesson.   *Apply Business Rule 11*   1. Actor(s) will click CONTINUE TO NEXT LESSON button. 2. System will refresh the page to display the settings for the next lesson in sequence. 3. Actor(s) will click on EXIT LESSON SETTINGS button. 4. System will save the settings on the page and exit the wizard. 5. EDIT CLASS DETAILS 6. Actor(s) will click the “Edit Class Details” link for an active class on the dashboard page. 7. System will launch the ‘Class Management Wizard’ in edit mode.   *Apply Business Rule 1, 2, 3*   1. Actor(s) will follow steps for **Basic Flow** and **Extension Flow 1.** 2. System will save the updated settings for the class, exit the Class Management Wizard and redirect actor(s) to the dashboard page. 3. DELETE CLASS 4. Actor(s) will click the “Delete Class” link for an active class on the dashboard page. 5. System will display a confirmation message with YES and NO buttons.   *Refer Copy 7*   1. Actor(s) will confirm deletion by clicking the YES button. 2. System will soft delete the class and display a success message.   *Apply Business Rule 12*   1. Actor(s) will close the success message. 2. System will redirect actor(s) to the dashboard page and refresh the active class list to indicate removal of class. |
| **Exception Flow** | 1. DUPLICATE CLASS NAME ERROR 2. Post **Basic Flow** – **Step 3**, class name entered already exists. 3. System will display an alert message with a close button.   *Refer Copy 1*   1. Actor(s) will close the alert pop-up. 2. RESOURCE ALREADY EXISTS ERROR 3. Post **Extension Flow** – **Step 3 – VII**, file/link for lesson already exists. 4. System will display an alert message with a close button.   *Refer Copy 4* |
| **Post-Condition(s)** | Actor(s) will successfully create a class, customize the class, edit the class details or clone the class. |
| **Business Rules** | 1. The Class ID is a 10 digit alpha-numeric code that is auto-generated by the system when the Class Management Wizard is launched in Create mode/ Clone mode. Instructors will share this Class ID with students via e-mail (non-functional requirement). The class ID will not change if class details are edited. 2. “(?)” Help icons and instructions will be visible throughout class creation process to allow a user to get more information about any feature or option. Help text will be appear in a tooltip upon clicking the Help icons. *Refer Help text.* 3. When the Class Management Wizard is launched in the Create/ Edit mode, the Clone Class step will be skipped; it will only be displayed in the Clone Mode. In the Create mode all settings will be default while in the Edit mode all settings are pre-populated with last saved data. In the Edit mode, instructors can edit all settings for class expect for Product title and Class ID. 4. The right panel will display all lessons to be included in class and will be drag-able. The left panel will display the master list of lessons. By default all lessons of a product title are included in the class. 5. The lesson drop-down list on the Lesson Settings page will display the reordered lessons included by instructor for class. Excluded lessons will not appear in the list. By default the first lesson within the list will be selected in the drop-down. Pretest and Posttest will appear within each lesson and will be treated as assignments. Settings for both will be the same as settings for assignments. Pretest and Posttest can be excluded by Instructor. 6. By default the start date for all assignments within a class is set to start date of the class. Instructor can set a different date lying between start and end dates of the class. An assignment will be visible on student class dashboard from start date. 7. The due dates for exercises within lessons will be blank by default and if due date is not set by instructor then the exercise will be considered as a Practice Activity. If due date is set by the Instructor then the exercise is treated as a grade-able assignment. If the due date of an assignment has passed, the assignment will be marked as “Incomplete” and students will not be able to submit their grades for that assignment. 8. There are 2 options for Grading rules for assignments within a lesson:    1. **Grade on first attempt then Practice** – If this option is selected, the grade scored on the student’s first attempt will be recorded in the gradebook and student can continue to attempt the assignment multiple times but the grades scored in the subsequent attempts will not be recorded in gradebook.    2. **Initial Practice then Grade –** If this option is selected then the grade scored in an assignment is recorded in gradebook only when student explicitly submits an assignment for grading. This is the default option selected.    3. **Manual Grade only –** This option is not selectable and will appear as a label against the Generation (Text) type exercises.    4. **Non-Gradeable Exercise –** This option is not selectable and will appear as a label against the Crossword exercises within the Practice type exercises. 9. All lesson information is customizable throughout life of a class provided the class has not expired (end date of class has passed). If any student has made any progress then Instructor would be notified about student progressed data by an alert message before making any changes in the class settings. If at that point of time if a student has done any progress then all that data will be soft deleted. 10. The clone class drop-down will have the following default text “Select a class” and label for the drop-down will be “Select a class to clone”. All settings of the selected class will be copied into the cloned class, including resources uploaded by instructor. 11. For uploading resources, the maximum file size limit is 2 MB. Instructor can upload one resource file per lesson. File formats that are allowed are ppt(x), doc(x), pdf(s) or link to external media resource (URL). Once a file is uploaded, instructor cannot delete or replace the file or edit the URL. The file resource/ link will be opened in a new window. The character limit for file resource title will be 50 characters and this is the title that will be displayed on the student lesson dashboard under Instructor resources. The URL field will be validated to check if URL entered is correct. If the checkbox next to the added resource is checked by default, if it is unchecked, the “Instructor Resources” tab will not appear on the Student dashboard. 12. Instructor can delete a class at any time during the life of the class even after students have enrolled in that class and have made some progress on it. Instructor would be notified about student progressed data being lost by an alert message before deleting the Class and appropriate messages will sent to the students about the Class deletion. Appropriate messages will sent to the students about the class deletion.     1. Upon deleting a class:  * Pending student are auto rejected * Enrolled students without any progress data are auto un-enrolled from the class * Enrolled students with progress data are auto un-enrolled and their progress data is soft deleted. |
| **Copy (messages)** | 1. DUPLICATE CLASS NAME ALERT MESSAGE   **Copy:** The class title entered already exists. Please enter a new title.   1. CLASS CREATED CONFIRMATION MESSAGE   **Copy:**  Your class has been successfully created.  Please note your Class ID [XXXXXXXXXX].  This ID will also be emailed to you. You will need to distribute it to your students to enable them to join your class. You will be required to approve student enrollment requests for this class when students redeem this ID.   1. CUSTOMIZE CLASS ALERT MESSAGE   **Copy:**  Your class currently includes all pretest questions, lessons, exercises, and posttest questions with the start date and due dates set to the class start and end dates.  By default all assignments are set with the grading rule "Initial Practice then Grade."  To customize these settings, click OK. To return to your dashboard using the default settings for your class, click Return to Dashboard.   1. RESOURCE ALREADY EXISTS ERROR MESSAGE   **Copy:** You have already added a resource for this lesson. You cannot add more than one resource per lesson.   1. CUSTOMIZED LESSONS SAVED CONFIRMATION MESSAGE   **Copy:** Your customized list of lessons has been saved.   1. DELETE CLASS CONFIRMATION MESSAGE   **Pop-up title:** Confirm Delete  **Copy:** Deleting the class will delete all users associated to the class including users who have taken assignments. Continue? |
| **Help Text** | **CLASS ON DASHBOARD:**   1. PREVIEW STUDENT VIEW   View the student master class dashboard.   1. INSTRUCTOR GUIDE   View Instructor guide for your product title.   1. CREATE CLASS   Create a class for this product title.   1. DISCUSSION FORUM BUTTON   View the discussion forum for this class or create topics for discussion.   1. ASSIGNMENTS BUTTON   Manage assignment feedback for your class Generation exercises.   1. STUDENTS BUTTON   Manage Class enrollments for your class and add/ update LMS usernames for students enrolled in your class.   1. EDIT CLASS DETAILS LINK   Edit class name, description, start and end date, and assignments settings for this class.   1. DELETE CLASS LINK   Delete this class and remove from the Active Classes list.   1. CLONE CLASS LINK   Copy the lesson settings of an existing class.   1. GRADEBOOK LINK   View and manage the gradebook for this class, or export grades to your Learning Management System.   1. MANAGE GROUPS LINK   Create, edit, and view settings for your Generation Exercise within this class.  **CLASS DETAILS PAGE:**   1. SELECT PRODUCTS DROP-DOWN   Select a product from the dropdown list for which the class is to be created.   1. CLASS TITLE TEXT FIELD   Class Title   1. DESCRIPTION TEXT AREA   Enter a brief description of your class (up to 200 characters)   1. START DATE and END DATE CALENDER ICONS   Click on the calendar icons to select a start and end date for this class. Your class will be visible to all students from the start date onward.  Your class will expire after the end date has passed. This will be the last day students can submit work to your class gradebook.   1. CLASS ID   This class ID will be displayed on your Dashboard and emailed to you. You will need to distribute it to your students to enable them to join your class.  **LESSON SETTINGS PAGE:**   1. DO NOT INCLUDE EXERCISE FOR THIS CLASS CHECKBOX   Check this box to skip the exercise for this class.   1. INSTRUCTOR RESOURCES ADD FILE OR LINK BUTTON   Click on this button to add your own resource for this lesson. You may upload a single document or add a link to an external file. The upload file size limit is 2 MB and the file formats allowed are doc(x), ppt(x) and pdf.   1. INSTRUCTOR RESOURCES RESOURCE TITLE IN ADD FILE OR LINK POP-UP   Enter a title for your resource file (up to 50 characters). This title will appear as a link on the Student lesson dashboard under Instructor Resources.  **CLONE CLASS PAGE:**   1. SELECT A CLASS TITLE TO CLONE DROP-DOWN   Select a class to clone. All assignments’ settings and resources of the selected class will be copied into a new class.  **DELETE CLASS:**   1. DELETE CLASS LINK   Delete this class and remove from the Active Classes list. |
| **Use Case History** | **Version 1:** First Draft  **Version 2:** Added all class creation screenshots  **Version 3:** Implemented following FAD feedback (update to use case mentioned inline):   1. **Clone class:** This is approved for this release but please note that ticket FFM-322, which is taken in the June maintenance release, will impact this use case and needs to be accounted for in a future update, either sprint 4/5 or an early product maintenance release.   **LM:** FFM-322 has been considered   1. **Clone Class Exit:** Do we need to include the business rule explaining the logic of cloned class settings? I would like the srs to confirm that cloned classes include any files the instructor had uploaded.   **LM:** Updated Help Copy text and Business rule 10 for Clone Class drop-down to include logic   1. For this product, pretest and posttest should be classified as assignments/exercises.   **LM:** Updated   1. **Upload link:** Since we support urls and files, let’s rename this ‘Add file or link’   **LM:** Updated in wireframes and use case. Help copy added for button.   1. Confirm instructors can also delete files that have been uploaded.   **LM:** Files cannot be overridden/deleted once uploaded; URLs cannot be updated once added. Can consider this for a future release or when taking it up as a global feature.   1. **Business Rule – “**If end date for Exercises is set, it is treated as Practice, if it is set, it is treated as gradeable assignment”**:** Please confirm this is true. In other products currently the default class setting adds the class end date to all exercises, so it is impossible to remove the end date and set an exercise as ‘practice’.   **LM:** The above business rule exists for MLL only. We assume we have to follow it for KIA.   1. **Business Rule – “**Uploading resources – file size limit = 2 MB and only 1 resource allowed for upload.   Need to review this requirement.  FAD would like to consider:  -increasing max file size  increasing limit of files/links allowable  -allowing additional supported filetypes- why do we need to limit this? Can we allow any file type?  -character limit—why is the limit 50 but only 30 characters are shown?  **LM:** Can consider this for a future release or when taking it up as a global feature. Exception flow is added if instructor tries to add more than one resource.  Design of this feature needs to be clear that instructors can upload file or enter url  **LM:** Workflow and Design have been updated to differentiate the two   1. FAD will review Help Text and Message copy with sprint 2 release and provide recommendations for new copy if needed 2. **Lesson reorder design:** FAD is reviewing help copy for this screen but otherwise this is tentatively approved. During beta testing we will get feedback on whether user have any issue with the display of columns on left/right. 3. **Lesson Settings Design:** FAD is reviewing the title of ‘Practice’ exercise category and may consider moving the Instructor Resources item to the top of this list. Otherwise this is approved.   **LM:** Design has been updated as per feedback from FAD (on Confluence reference - *Kinesiology in Action lesson mgmt design questions 4-17.png* added on Apr 17, 2015 18:58)   1. **Lesson Settings – Prestest/Posttest settings:** Fo consistency, pretest and posttest should have the xercise title by the check box, not ‘include’. Confirm that these will launch a link to view the exercise content   **LM:** Design has been updated as per feedback   1. **Lesson Settings – Practice Settings Design:** Please note that some lessons have multiple labeling or hot spot exercises, so we should confirm titling convention for these   **LM:** Design has been updated considering the exercises will be named exercise 1, 2 and so on   1. **Lesson Settings – Instructor Resources Settings Design:** Need to ensure we have a help icon here explaining this feature   **LM:** Design has been updated to include help icon and help copy has been provided for this feature.   1. **Lesson Settings – Instructor Resources – Add file or link pop-up Design:**   Need to ensure that this design also supports posting links, not just uploading files. Will users add a link in the ‘browse’ area or somewhere else?  **LM:** Workflow and Design have been updated to include both. |

WIREFRAMES





















