

## The Use Case Document for Web App Development

### CD LMS 1.0 Ver 2

#### LAUNCH PAGE

1. The Launch Page provides basic login features with Create Account, Password Reset options. User can sign in with Official Mail ID or AIMRI User ID
2. The page gives extension to the other company profiles, Group Information and Social Media Handles at the footer
3. The Mobile App versions once developed can be downloaded from the launch page footer

#### HOME PAGE

4. Home page provides a quick and detailed information about the Career Design Program and its procedures. This also provides basic information about AIMRI and leads to other Aries Group websites
5. A profile plate with the Logged In Employee's basic and vital information in terms of CD program progress can be seen in the right side pane at around a size of 50% of vertical space of the page.
6. The Profile Pale displays Profile Picture of the User, User's Name & AIMRI ID, Company, Designation, Emp ID, Effism ID, and DoJ in AIMRI CD Program.
7. This also displays the quantity of Completed & Ongoing Courses, Upcoming Target's date, Shortcut to Playlist, Next Exam Date, The Rank, and the Points earned through the CDLMS.
8. After the Body Text, there will be two sections LATEST ADDITIONS, features a thumbnail view of lastly added courses / contents with left and right swipe browsing and ANNOUNCEMENT SESSION featuring important announcements, Events, Upcoming Deadlines (global), Upcoming Additions (Subject / Courses/ Module with, Link to Leader Board Etc..
9. SUPPORT feature leads to contact details of the Tech Support Team for raising any app level issues and suggestions and can directly send mail from the Support menu to the default recipient
10. The Main Menus are the HOME | DASHBAORD | ALL COURSES | MY COURSES | CERTIFICATES | TIME LOG | PLANNER

#### ALL COURSES (AC)

11. At the AC Home Page, displays 3 Classifications [AIMRI | DIV | SELF-PACED (SP)]
12. Inside AIMRI & DIV, there will be Program Classification (DEGREE/DIPLOMA)
13. 3 Category Containers (AIMRI | DIV | SP) & 2 Program Containers (DEGREE/DIPLOMA) Display Qty of Courses within and the number of ongoing attendees
14. Beneath the Containers, the Leader Boards (LB) are displayed by default
15. Distinct Leader Board for Degree & Diploma programs on the Left and Right-Side alignments respectively
16. Under the 3 Category of containers, Subject Classifications are available in which actual courses are aligned (Eg.. HR | Health | IT etc.)
17. The Subject Class will be listed (expanded) only when clicked on a particular container(Eg. AIMIR) and the LB disappears. Clicking on the same once again will collapse the content listing of the chosen container and the LB will reappear
18. User can directly access courses from all the 3 main containers (Unorganised study) but this will not enable Exams & Certification provisions. Certification Provision is provided only through The Library (Organised Study).

19. Once Expanded, click on a Subject Class will display Courses under the specific Subject
20. The Course Icons has the Duration in hours mentioned over it
21. Click on a Course will list down the Content /Modules/Chapters wise with duration against each title. The Total Duration is shown against the Course Title
22. This also displays |Source Info| Instructor Profile |Course Description etc.. beneath the Course Tree
23. 'Add to Library (+)' option is available near the Course Title. User has to use this button to add the course to the personal Library in MY COURSES, for Certification
24. Attended | Ongoing | Unattended Course Titles will have respective colour codes
25. Click on one title (chapters) opens the Content in Mini Player in the right pane. Plays a preview of 01 Min on mute | user can start over from the beginning at full screen. If Preview is disabled, the preview will be a static Thumbnail of the clicked content. (Preview Enable /Disable from Master Settings)
26. A time-log line will be displayed below if it is an ongoing or an attended content. This information is taken from the Time Log / Calendar /Planner Modules (From the data generated there thought the user's activity logs or planning in the Planner (A separate one dimensional report will be available in the TIME LOG section.
27. In case of SP, a separate Input provision will be available to input all the above parameters by the User in the Add Course Window and Planner. As it is impossible to execute automated data generation of third party courses , such Key Data will be accepted thought a form (manual entry) by the user and published in the site post verification by the Authority. These inputs will be considered as the Master Data for SP courses.
28. RO can verify and approve the subordinates' choice of SP courses with justification. Presently it is available only by the Cert. Authority
29. In SP-> Add Course Button->Application Fields ->Course Name |Modules |Course Provider URL (fetch Icon) for Online | Upload Prospectus for Offline |Start Date |End Date |Duration in Hours | Cost |Upload Certificate| Add Relevancy Remark |Request Approval to RO/ Authority
30. Once Added, The SELF-PACED – Course Information will be submitted to the Course Admin for Content Verification, Clearance and Approval via notification. Once Approved the course details will be displayed
31. SP courses – User hold the privilege to make it public to be viewed in ALL COURSES by everyone
32. SP Course can be Publicly Displayed with the Name of the Added Person & Contact for opinions and course rating can be given by the user. This will encourage other users of the same filed /interested ones to easily follow the course with the already experienced candidate

## MY COURSES (MC)

33. Displays 3 Classifications (LIBRARY | COMPLETED | ONGOING)
34. Also displays the Quantity(only) Classification in AIMRI, DIVISION, SELF-PACED at MC Home Page and the pattern inside the COMPLETED & ONGOING
35. The courses from various Subject Classes are classified inside each Container
36. COMPLETED – Displays Courses with Start Date | End Date | Hours | Certificate Status (Issued/Pending) | Points and| the Quantity Classification in Main Category
37. ONGOING – Displays the Course name Start Date |Expected End Date |Progress % | Progress Hrs and | the Quantity Classification in Main Category
38. No Subject Classification display in COMPLETED & ONGOING. Instead the Qty in AIMRI, DIVISION, SP only
39. Only the LIBRARY and ALL COURSES feature Subject Classification.

40. As in ALL COURSES, LIBRARY also shows three classifications, AIMRI, DIVISION, SELF-PACED
41. The above three classifications are displayed at the Home of LIBRARY
42. At the home page of LIBRARY – right side pane displays All The Chosen/short-listed Courses by the user, flagged with Started /Not Started | % Progress /Hrs (for Started) | Scheduled Date for (Not Started), Completed . The Left Side pane displays DEGREE & DIPLOMA Containers
43. In MY LIBRARY, inside the -> DIPLOMA or DEGREE program -> Subject Classification -> Course Title.
44. Once Expanded, click on a Subject Class will display Courses under the specific Subject
45. The Course Icons has the Duration in hours mentioned over it
46. Click on a Course will list down the Content /Modules/Chapters wise with duration against each title. The Total Duration is shown against the Course Title
47. This also displays |Source Info| Instructor Profile |Course Description etc.. beneath the Course Tree
48. 'Add to Library (+)' option is available near the Course Title. User has to use this button to add the course to the personal Library in MY COURSES, for Certification
49. Clicking on the PLAYLIST Icon against each chapter will add the content to a preferred playlist
50. Attended | Ongoing | Unattended Course Titles will have respective colour codes
51. Click on one title (chapters) opens the Content in Mini Player in the right pane. Plays a preview of 01 Min on mute | user can start over from the beginning at full screen. If Preview is disabled, the preview will be a static Thumbnail of the clicked content. (Preview Enable /Disable from Master Settings)
52. A time-log line will be displayed below if it is an ongoing or an attended content. This information is taken from the Time Log / Calendar /Planner Modules (From the data generated there thought the user's activity logs or planning in the Planner (A separate one dimensional report will be available in the TIME LOG section
53. If the clicked content was a previously played one, it begins from the last played position. User can also start over
54. Default mini player can be expanded to full screen and video optimisation can be manual & auto based on bandwidth quality.
55. From the Library, the user can create a Play List which helps the user to queue up any content from any subject as per his wish to be played next in a row.
56. Play List can be deleted or Renamed. Contents in a Play List can be moved to another Play List.
57. Play List Can be only Chapters (Not Course or Modules)

### CERTIFICATES(CER)

58. Global Search on the Certificate Page to quickly find a course title
59. CER homepage has 2 Classifications. – ISSUED | PENDING. Both included Quantity overlay on the respective icons. Global Search limits within the 2 Classifications
60. CIRTIFCIATE Home Page also displays the Quantity Classification on the Mian Category (AIMRI , DIV etc.)
61. Program Category will be inside the ISSUED & PENDING
62. ISSUED – This list all the courses completed and issued with AIMRI Certificates.
63. ISSUED – The List shows the Course Name with Thumbnail |Category |Classification |Issued Date |Issued Authority |Hard Copy Printed |Reissue (if missed & duplicate issued) |SP Vendor Certificate view options in case of SP courses
64. ISSUED – Click on the Course Name to show the Certificate with the download option (Fullscreen view at 50% Screen Size)

65. ISSUED – Click on the SP Column YES text to show the Certificate with the download option (full view 50% Screen Size)
66. In ISSUED, Thumbnail view is available for Both Certificates (SP & Internal) in the Course Title Row
67. PENDING scenario includes Completed but Not issued | Not Completed. The *Not Issued*'s content Information Sourced from Library
68. PENDING – Not Issued can be because Course Completed but not requested | Requested but not processed | SP Cert Not Uploaded
69. In PENDING ->Completed but not issued -> [For AIMRI & DIV] As the user clicks on the title, the 'Request Certificate' pops up activates and 'Submits with a Remark' creates a Certificate Request in the Authority's account (notification supplied)
70. In Completed but Not Issued ->[For SP] on clicking on Course Title, User will be asked to Upload a Certificate with Details to be filled. The SP Cert will be delivered to the Authority via notice. Authority Downloads and Flags Acceptance. Once flagged as Accepted, Remark Shows Accepted, The next click on the Course Name do 'Requests Certificate', if rejected, the process repeats. If submitted but not attended, the status remains 'Not Seen '
71. Once The Certificate is issued, the Row disappears from PENDING and moves to ISSUED
72. Change Request – Can be sent from full-screen view if any correction in Certificate Content is required  
Correction is taking place at the System Admin Level(backend)

## TESTS

73. Here displays only the TEST Sessions (Titles) of all the LIBRARY courses.
74. 2 Classification. – COMPLETED | PENDING both included Quantity overlay on the respective icons. Global Search limits within the 2 Classifications.
75. Subject Classification on the Left Pan and raw listing on the Right Pane under each Two main Classification
76. Completed will be colour coded with Date
77. Not attended test can be attended from here but only linearly. To attend a test/exam, all the previous test of the Same Chapter<Modules<Subject must be completed. Otherwise Warning with Restrict.
78. Global Search on the TEST Page to quickly find a course title
79. Clicking on PENDING displays the All Tests available in chosen courses (form LIBRARY), colour-coded for Ongoing Test & Pending Test
80. TEST can be MCQs | Projects |Thesis | Assignments
81. COMPLETED list can be sorted Alphabetically / Date Completed / Score /Category Program
82. PENDING list can be sorted Alphabetically / Date Completed / Score /Category Program
83. COMPLETED report can be printed out in PDF or Local Printer
84. PENDING report can be printed out in PDF or Local Printer
85. TEST content(List) is fed from AIMRI & DIVISION category via LIBRARY
86. TESTs are created via CMS module by Subject Experts and approved by Content Manager
87. TEST for SP – User can create Test Title. The title will be available on the Planner. Update the date/time window in the scheduler and the same will be displayed here as read-only information.
88. TEST for SP – for the completed ones, user can update the date & score here
89. TESTs will be detected from database in case of AIMRI & DIV
90. Test can be attended only sequentially
91. Minimum Play Back Hours to be met in combination with Test Sequence and the completing last test makes the Course completed

**TIME LOG(TL)**

- 92. TL is a punch mark of all the activities/milestones concerning a Course and a Profile
- 93. TL input is a mix of system input and user input.
- 94. If TL is created against a course then the entries are Course Start Date/Time| Module Start Date/Time| Chapter Start Date Time |, Test Start Date/Time| Test End Date/Time|, [Same for ALL END Dates], Total Hours of Chapters | Modules | Tests| Course, at the end of a Session
- 95. TL is represented as a Table Report & Graphical TimeLine per Course / Module /Chapter
- 96. Future Data display can be taken from Planner if created against any course
- 97. Once completed, the Actual and Planned will be displayed separately
- 98. Profile Time Log – Date of Joining AIMRI, No of Courses Completed as on Date | Milestone coverage - Each Course Start & End Date with Hours | IN APP Hours (hours spend inside the CDLMS) etc will be logged
- 99. Manual Entry Option for all the above TL parameters for SP Courses available in create TL
- 100. All courses will have a Start & Complete status update button
- 101. All the Course | Modules should have a Start and Complete Status Button which will be crosschecked with the Playback%/Scroll/Page/Total Minimum Hours Required to be active
- 102. Test can be attended only sequentially
- 103. Minimum Play Back Hours to be met in combination with Test Sequence and the completing last test makes the Course completed

**PLANNER (PNR)**

- 104. Planner is a programmable calendar
- 105. Candidate can mark Start/End of Course / Module/Chapter on a date of a Calendar
- 106. Add Event ->Add Study -> Choose Course| Module| Chapter or Test Module
- 107. Information for the Reminders | Schedules |Planner Time Lines etc will be pulled form here
- 108. Time Liner will show accordingly
- 109. Date with exceeded Target will be highlighted
- 110. Course or content with the Exceeded & within the target will be highlighted
- 111. In the Courses, Any Chapter| Module | Test with a Calendar schedule will be flagged with a Calendar Icon

**DASHBOARD (DSHB)**

- 112. Dashboard should show the following readings on the top
- 113. Leader Boards of DEGREE & DIPLOMA
- 114. Total Courses attended by Self vs attended by all
- 115. Total Hours covered by Self vs covered by all
- 116. SELF – Degree & Diploma -> Hours | Courses Qty
- 117. SELF – AIMRI |DIV|SP -> Hours | Courses Qty
- 118. SELF – Month |Year | Course Qty
- 119. SELF – Month |Year | Course Hours
- 120. SELF – Agility (How quick and frequent User progresses
- 121. SELF – Points out of Total Points
- 122. SELF – Rank out of Global Rank
- 123. Progress with respect to the Target Hours of the Program in each category and totally  
(Analytics will be finalised once the initial set of data model is being generated after the coding)

**SPECIAL FUNCTIONS**

124. Anyone can watch any courses from ALL COURSES, but this won't enable Exams and Certification. This option is kept open for enthusiasts curious to know about a subject content (Open and Close is to be set as configurable in the backend)
125. To attend Exams and get certified, one should move the selected course from All Courses to LIBRARY. Only the courses being learned from LIBRARY facilitates Exams & Certifications
126. In ALL COURSES, the choice of opening the whole course for free learning (without certification) or opening only one minute preview should be configurable at backend.
127. DIPLOMA courses are to be completed and certified before unlocking the DEGREE Course Certification
128. The DIPLOMA Program will have definite amount of Hours & Quantity of the courses as Minimum Qualification to Unlock the DEGREE Program. Initially, one can choose (add to LIBRARY) ONLY up to this number of Hours/Numbers of Courses (as defined by the AMIRI curriculum, in settings (as threshold)) until the Program is certified. Once the Program is certified with minimum criteria, unlimited hours/number of courses in the same program are unlocked for the user, to meet the needs & interests of an enthusiast learner. These check points should be configurable at the backend