**Online tests** should be displayed similar to that of current APPSC, TSPSC and other govt. exams ([https://g01.digialm.com//OnlineAssessment/index.html?1383@@M18](https://g01.digialm.com/OnlineAssessment/index.html?1383@@M18)). Question types can be MCQs/Match the following/ Passage type. Admin can have a question bank for different categories of exams. Bulk questions upload from word. Mathtype/equation editor should be integrated.

* **Ref. for online tests –** oliveboard, testbook.com,upgrad.co, classplus
* They shall be free/paid (admin can tag them for free or paid).

**Creation of Question Banks by Admin**

* Creation of Categories (exams, subjects, chapters, topics)
* Upload question
	+ Question types – MCQs, T/F, Paragraph type, Short Answers, Match the following
	+ Passage type of questions where a passage is given and 4-5 questions are displayed for the same passage. The passage has to be displayed on one side and questions to be displayed on the other side.
* Difficulty level – Low, medium, high
* Options: single or multiple (upto 5) and correct option
* Solution
* Word template to upload bulk questions
* Should support mathtype/equation type
* Editing and updating questions for the admin

**Creating tests**

* Create single tests or test series
* Choose questions from different categories (exam/subject/chapter/topic) i.e., from question bank – random/ specific questions
* Add description, instructions
* Set negative marking
* Set time
* Schedule period
* Setting total marks and questions for the test
* Set mark for each question – can divide equally from total marks
* Set paid/free test
* If paid, set amount/validity
* Set live/practice test/adaptive test
	+ Live will be scheduled for a particular period of time and can be attempted only once
	+ Live score card will not be displayed after finishing the test
	+ Admin can publish result, ranks, percentile at a later stage
	+ Practice tests can be attempted any number of times
* Random questions should be displayed each time attempted from question bank
* If any interruption while taking test, it has to be started from same question while next login and selected options have to be saved.
* Display of tests – select language if a test is uploaded in different languages.
* Editing and updating (include search also)
* Bulk editing test questions – for difficulty level/ marks etc.

**Test Series /Group of tests**

* Add 2 or more tests
* Create a group name (EAMCET 2023 Practice Tests)
* Set paid/free
* If paid, set amount and validity
* Set live/practice test
	+ Live will be scheduled for a particular period of time and can be attempted only once
	+ Live score card will not be displayed after finishing the test
	+ Admin can publish result, ranks, percentile at a later stage
	+ Practice tests can be attempted any number of times
* Editing and updating

**Adaptive tests**

* Like GMAT, GRE, CAT – difficulty level of the next question varies depending upon question answered. If answered question is wrong, easy question appears or if answered correct, little more difficult question appears.
* Marks will be set based on difficulty level while creating test for adaptive tests.

**Tests – User Dashboard**

* User Profile
* Search Tests
* Display latest and trending
* Display all available Tests (filters exam/subject/chapter/topic) – Paid/Free
* My Tests – Subscribed/free/attempted (list with date of subscription)
* Attempted tests
	+ Option to view complete score card report – time taken, total score after negative marking, subject wise and chapter-wise marks
	+ Percentile (among students taken the exam)
	+ Graphical report (like pie chart)
	+ Can view question paper with solution (Selected option – green/red differentiation for correct and wrong answers)
	+ Live tests score report if any (should be enabled only after admin releases results)
	+ Practice Tests – can view reports by selecting attempt number
* Performance reports - Section wise comparative performance, Performance report across test series, Performance over time, difficulty levels etc.
* Bookmarking tests, sharing tests
* Feedback or comments on a test – to be viewed only by admin

**Test interface (Responsive)**

* After login, take to description and instruction pages
* Start Test
* Test interface (attaching screens) – Question, Options, Prev , Next, bookmark buttons
* On top – Exam name, Section-wise (e.g., Maths, Physics, Chemistry). On selecting any section, question from that section will appear
* Timer on right top
* Right Top – Question Paper, Instructions button; on clicking full question paper will be displayed, if instructions is clicked, instructions will be displayed as pop-up
* Right side – Legend (Colors: Green- answered, Orange- Marked for Review, Red-Not Answered, Plain – Not visited, Orange with tick mark – Answered and marked for review)
* Right side – Question Numbers (on selecting any number, respective question will be displayed)
* Submit Button
* Display score card report after submitting the test
* For live/mock test – display Thank you page. No score report should be displayed

**Mobile App**

* All available tests (filters exam/subject/chapter/topic) – Paid/Free
* Latest, most attempted, trending tests
* After login, take to description and instruction pages
* Start Test
* Test interface – Question, Options, Prev , Next, bookmark buttons
* On top – Exam name, Section-wise (e.g., Maths, Physics, Chemistry). On selecting any section, question from that section will appear
* Timer on right top
* Select Question – Display complete numbers with colors as in legend (on selecting any number, respective question will be displayed)
* Submit Button
* Display score card report after submitting the test
* For live/mock test – display Thank you page. No score report should be displayed
* User dashboard

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**E-store:** An e-commerce application to sell our own products like content, tests, books, e-books, practice tests. It can also be used to sell other publishers’ books and products on revenue sharing model.

**Product Listing**

* Adding type of products **(in-house)**– E-book(pdf), Books, Edu Products, tests
	+ Set Price – Actual price, discount price(percentage), GST %, coupon code validation, coupon discount price/percentage, Total Price
	+ Upload e-book
	+ Editing and updating products (search/filters)
	+ Reports – Product wise (sales, product name subscriber name, email, ph.no, place, cost)
* Adding type of products **(partners)**– E-book(pdf), Books, Edu Products, tests
	+ Set Price – Actual price, discount price(percentage), GST %, Total Price, Rev share percentage
	+ Editing and updating products (search/filters)
	+ Reports – Product wise (sales, product name subscriber name, email, ph.no, place, cost), Total revenue and revenue share
* **UI**
* Listing all available products (search/filters), latest updated, top sold/trending
* Registered users can add products to the cart and buy the products
* They will be taken to payment gateway and returned to success/failure page after transaction.
* E-books (pdf) should be available to download immediately after successful transaction or should be mailed to their registered mail.
* Subscribed tests should be available in user dashboard
* User dashboard shall have subscribed/purchased products details
* Cart facility – adding 1 or more products and check out
* Coupon code discounts
* App too shall have same display

**Registration**

* Register with Google/Facebook
* Fetch Name, Email, Phone No details
* Choose preferred exams (multi select option)
* E-mail, Phone No, Place, Address (mandatory)
* Login with email id and password (don’t create any user id)
* SMS/Whatsapp/Email confirmation