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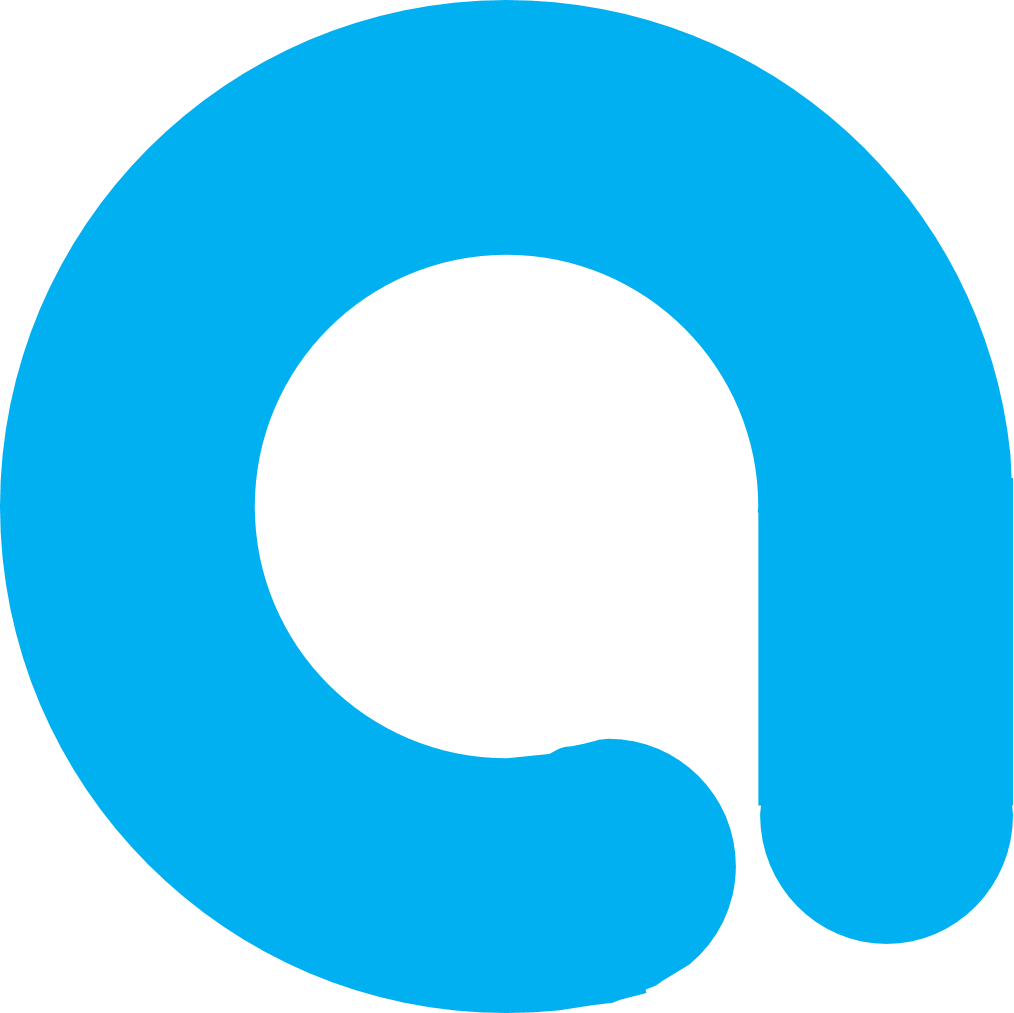
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Abstract

Anodiam© is an Edtech start up providing high quality education content. It is planned to launch commercially on 01-Jan-2023 with a website and a mobile app.   
Initially the MVP (minimal viable product) mobile app & website will contain pre-recorded Physics, Mathematics and Computer Science lessons for ICSE, year 10 only.   
High level requirements for developing the MVP Student App are described in the current document. Unless otherwise mentioned distinctly, both the mobile app and website will have the same functionalities during the current (MVP) phase.

Anodiam StudeNT App MVP  
High Level Requirements

VERSION: 0.0.1



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# Accessing the Anodiam App

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| Mobile App: Once a user installs the Anodiam app into an android or iPhone device, s/he can start using the same by tapping on the Anodiam icon on their phone.  Website: S/he can alternatively access the website by typing [https://www.anodiam.com](https://www.anodiam.com/) on the address bar of their web browser. | Fig 1.1: Accessing the Anodiam Mobile App |
| Fig 1.2: Accessing the Anodiam Website | |

# Login Page

When an unsigned user accesses the Anodiam app, this will be the default page to open.

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| In case of an already signed in user accessing the app, the default page to open will be the **My Courses** page or **Search Courses** page respectively, depending upon if the user has at least one active course purchased, or not.  When a previously registered user fills in valid email and password fields and taps on the **Login** button, s/he is signed in and is taken to the **My Courses** page or **Search Courses** page depending upon if the user has at least one active course purchased, or not.  When a previously registered user fills in invalid email and password fields and taps on the **Login** button, s/he is shown validation error message in top of the **Login** page. Details of validity of email and password policies are explained in respective sections below.  When a user taps on the **Register** here link, the user is taken to the **Registration** page. When a user taps on the **Change / Forget Password** here link, the user is taken to the **Change / Forget Password** page. | Fig: 2.1: Wireframe: Mobile App: Login screen |
| Fig 2.2: Wireframe: Website: Login screen | |

# Registration Page

An unregistered user can register themselves into Anodiam app through this screen.

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| When a previously unregistered user fills in valid email, password, confirm password and optional reference token fields and taps on the **Register** button, success message is shown on top of the page. An email with a validation link is sent to the email address provided. When the user clicks on the email s/he is registered into Anodiam app.  When a previously unregistered user fills in invalid email, password, confirm password and optional reference token fields and taps on the **Register** button, s/he is not registered into Anodiam app and validation error message is shown on top of the page.  Details of validity of email, password policies, confirm password and optional reference token fields are explained in respective sections below.  When a user taps on the **Login** link, the user is taken to the **Login** page. When a user taps on the **Change / Forget Password** here link, the user is taken to the **Change / Forget Password** page. | Fig: 3.1: Wireframe: Mobile App: Registration screen |
| Fig 3.2: Wireframe: Website: Registration screen | |

# Change / Forget Password Page

User can change their password for Anodiam app through this screen.

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| When a previously registered user fills in valid email, password and confirm password fields and taps on the **Change Password** button success message is shown at the top. An email is sent to the email address with a link to validate. When the user taps on the link, the password is changed into the provided password.  When a user fills in invalid email, password, and confirm password fields and taps on the **Change Password** button, password is not changed and validation error message is shown on top of the page.  Details of validity of email, password policies, and confirm password fields are explained in respective sections below. | Fig: 4.1: Wireframe: Mobile App: Change Password |
| Fig 4.2: Wireframe: Website: Change Password | |

# Search Courses Page

A registered and signed in user can search for a course in the Anodiam app through this screen.

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| User can select a specific Board, Class and Subject and enter a search string before hitting the search icon. In case Board and Class are selected in the **My Profile** page, those values will be preselected by default in the **Search Courses** page.  Upon tapping the search icon, results matching the search screen field will be displayed as a collection of cards, each representing a matching course. Each card will contain fields:   * Cover image for the course; Course Title * Selection check box; Board, Class, Subject * Link to Teacher’s bio video * Average rating, Number of ratings, Copies sold * Short description (2-3 lines), expandable link * Original Price, Discount percentage for current user according to their discount tokens. Price calculations & discount tokens are described in this document below. * Buy now button with offer price for the specific user   On tapping teacher’s bio link **Search Course Details** page will open with teacher’s bio video playing. On tapping other parts of card, **Search Course Details** page will open with chapters preview list. | Fig: 5.1: Wireframe: Mobile App: Search Courses |
| On tapping **Buy Now** button, **Checkout** page will open with invoice for the tapped course including all possible discounts for the user for the chosen course. On selecting few cards’ check boxes and tapping **Buy Selected Courses** button, **Checkout** page will open with invoice for all the selected courses including all possible discounts for the user for the chosen courses.    Fig 5.2: Wireframe: Website: Search Courses | |

# Search Courses Detail Page

A user can preview free videos of a course or a teacher’s bio in this screen.

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| Fig: 6.1: Wireframe: Mobile App: Search Courses - Detail |
| Also the following will be displayed.   * Course Title, Board, Class, Subject, Link to Teacher’s bio video, Average rating, Number of ratings, Copies sold. On tapping the ratings link, the detailed ratings will be displayed. * Description of chapters with free preview links on selected ones; expandable link to this list * Original Price & Discount percentage calculated for the specific user according to all the discount tokens under their profile. Price calculations & discount tokens are described in this document below. * **Buy Now** button with offer price for the specific user. On tapping that, **Checkout** page will open with invoice for the tapped course including all discounts for the current user. * Collection of cards for suggested courses for the user. On tapping those cards, those course details should open for preview. |
| Fig: 6.2: Wireframe: Website: Search Courses - Detail |

# Check Out Page

User can purchase a course through this screen.

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| Invoice summary for a specific course or all the selected courses from the **Search Course** / **Course Details** page is displayed here. Offer price will be automatically calculated by putting together all the discount tokens available for the specific user at that certain point of time. Price calculations & discount tokens are described in this document below.  User can enter their credit card details and press on **Complete Checkout** button. Success / validation error messages will be shown at the top of the page. Same user shall net be able to purchase the same course for multiple times by mistake. If the **Securely store this payment information** checkbox is selected while tapping on the **Complete Checkout** button, the credit card / payment information for the user’s purchase will be encrypted and securely stored in Anodiam database for future usage. By default this check box will be unchecked.  The checkout information will be handed over to the payment gateway web service and the results from that call will determine the success or validation errors of the purchase. | Fig: 7.1: Wireframe: Mobile App: Checkout |
| Fig 7.2: Wireframe: Website: Checkout | |

# My Profile Page

User can CRUD their profile data including profile image from this screen.

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| Fig: 8.1: Wireframe: Mobile App: My Profile |
| The alignment of the fields may be adjusted in the UI for better aesthetics. Especially the website may have all fields in only one column and a scroll bar for vertical scrolling if required. Mobile app users will be able to logout through this screen. Logout for website users will be from the global menu bar as shown below: |
| Fig: 8.2: Wireframe: Website: My Profile |

# My Courses Page

User can study a purchased course through this screen.

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| Fig: 9.1: Wireframe: Mobile App: My Courses |
| Cards are displayed for each course purchased by the user. Each card will show:   * Cover image for the course; Course Title * Board, Class, Subject, Teacher’s name * Number of videos, number of quizzes and total duration of contents * % completed and it’s progress bar * Link to rate the course / previous rating by the user (to be selected from 5 stars) * Link to share the course via email, social media or just copying the link.   On tapping card, the course details will open. On tapping on the links to rate the course or sharing the course, respective modal windows will open as shown in the figures 9.1 & 9.2. |
| Fig: 9.2: Wireframe: Website: My Courses |

# Study Course Page

User can study a course through this screen.

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| The contents will be displayed section wise. Each section will be expandable. Each section may contain few video lessons and few quizzes.  Upon tapping a video lesson, it will be displayed in the top display section. The video will have the | Fig: 10.1: Wireframe: of Mobile App: Study Course |
| Fig 10.2: Wireframe: Website: Study Course | |

# Discounts Page

User can get read only information about discounts available to their profile through this screen. In the MVP stage there will be four kinds of discount tokens that the users can avail. All discounts will be automatically applied to all subsequent applicable invoices and offer price calculations.

Reference Discount Token (RDT): In case [referred@student.user](mailto:referred@student.user) registers into Anodiam app, with [referrer@student.user](mailto:referrer@student.user) as reference token, then [referrer@student.user](mailto:referrer@student.user) will be sent an email with a link (valid for 2 days) to click and verify the reference of [referred@student.user](mailto:referred@student.user). The draft of this email (Verify Reference Email) will be described in this document below. As soon as the referrer verifies their email, the Reference Discount Token (RDT) will be attached to the [referred@student.user](mailto:referred@student.user) profile. [referred@student.user](mailto:referred@student.user) will get a heavy discount on the original price amount for the **first** **subsequent course purchase** from Anodiam app. RDT will be automatically applied to the applicable invoice and offer price calculation. At this stage all RDTs will expire in exactly 30 days from email link verification of referral and will have a value of 50% applicable to original price amount. These terms and conditions including value and expiry date for awarding new RDTs will change going forward as part of business decision. All RDTs, once awarded will at least be redeemable till its expiry date which is currently exactly 30 days from email link verification of referral.

Initial Discount Token (IDT): This will be an inaugural promotional offer from Anodiam and all users can avail heavy discounts on original price at **all subsequent course purchases** from Anodiam app just by filling up their **My Profile** tab including the guardian’s details. An email with a link (valid for 2 days) to click and verify email address will be sent to the guardian after the student submits their guardian’s email address. The draft of this email (Verify Guardian’ Email) will be described in this document below. As soon as the guardian verifies their email, the Initial Discount Token will be attached to the user’s profile. At this stage all Initial Discount Tokens will expire on 30/09/2023 and will have a value of 50% applicable to the (original price – RDT) amount. These terms and conditions including value and expiry date for awarding new IDTs will change going forward as part of business decision. All IDTs once awarded will at least be redeemable till its expiry date which is currently 30/09/2023.

Buddy Discount Token (BDT): In case [referred@student.user](mailto:referred@student.user) registers into Anodiam app, with [referrer@student.user](mailto:referrer@student.user) as reference token, then [referrer@student.user](mailto:referrer@student.user) will be sent an email with a link (valid for 2 days) to click and verify the reference of [referred@student.user](mailto:referred@student.user). The draft of this email (Verify Reference Email) will be described in this document below. As soon as the referrer verifies their email, the Reference Discount Token (RDT) will be attached to the [referred@student.user](mailto:referred@student.user) profile. Once [referred@student.user](mailto:referred@student.user) makes a purchase using the RDT, the Buddy Discount Token (BDT) will be attached to the [referrer@student.user](mailto:referrer@student.user) profile. [referrer@student.user](mailto:referrer@student.user) will get a heavy discount on the (original price – RDT – IDT) amount for the **first** **subsequent course purchase** from Anodiam app. BDT will be automatically applied to the applicable invoice and offer price calculation. At this stage all BRTs will expire in exactly 30 days from email link verification of referral and will have a value of 50% applicable to (original price - RDT – IDT) amount. These terms and conditions including value and expiry date for awarding new ORDTs will change going forward as part of business decision. All ORDTs, once awarded will at least be redeemable till its expiry date which is currently exactly 30 days from email link verification of referral.

Scholarship Discount Token (SDT): Once a user finishes all lessons in a course and scores 90% and above in all the quizzes, s/he will be eligible for a Scholarship Discount and the respective Scholarship Discount Token (SDT) will be attached to the user’s profile. It will be applied on the (original price – RDT – IDT – BDT) amount for the **first** **subsequent course purchase** from Anodiam app. It will be automatically applied to the applicable invoice and offer price calculation. At this stage all SDTs will expire on 30/09/2023 and will have a value of 50% applicable to (original price - RDT – IDT – BDT) amount. These terms and conditions including value and expiry date for awarding new SDTs will change going forward as part of business decision. All SDTs, once awarded will at least be redeemable till its expiry date which is currently 30/09/2023.

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| Fig: 11.1: Wireframe: Mobile App: Discounts Page |
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| Fig: 11.2: Wireframe: Website: Discounts Page |

# Achievements & Scholarships Page

Once a user finishes all lessons in a course and scores 90% and above in all the quizzes, s/he will be awarded Scholarships which will be attached to the user’s profile. User can share these info on social media an email through this page.

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| Fig: 12.1: Wireframe: Mobile App: Achievements & Scholarships |
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| Fig: 12.2: Wireframe: Website: Achievements & Scholarships |

# Credential Policies

registering (for free) with their email address and password. S/he may optionally mention the email address of some other previously registered Anodiam© user as a referrer.

Mobile App: Once a user installs the Anodiam app into an android or iPhone device, s/he can start using the same by tapping on the Anodiam icon on their phone.

Website: S/he dfnvdfnvf

# Draft Emails

registering (for free) with their email address and password. S/he may optionally mention the email address of some other previously registered Anodiam© user as a referrer.

Initial Discount: Once a user installs the Anodiam app into an android or iPhone device, s/he can start using the same by tapping on the Anodiam icon on their phone.

Inward Referral Discount: S/he dfnvdfnvf

Outward Referral Discount: S/he dfnvdfnvf

Scholarship Discount: S/he dfnvdfnvf

Offer price calculation logic with examples: S/he dfnvdfnvf