

ANOTODE

The Web Annotator .

*User Manual*_{Revision 2}

CS Group 1

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Revision Table

Revision	Author	Reviewer	Revision Date	Revision Tracking Notes
1	Saurabh	Avi	12-11-16	Included Installation Instructions
2	Saurabh	Manohar	13-11-16	Included FAQs

Contents

1	Introduction	3
1.1	Purpose	3
1.2	Document Overview	3
1.3	Scope	3
1.4	User Permission	3
2	Getting started with Anotode	3
2.1	Product Perspective	3
2.2	Installation Instructions	4
2.3	About Anotode	4
2.4	Register	4
2.5	Log-in	5
2.6	Change Settings	5
2.6.1	Change Profile Picture	6
2.6.2	Change Username	6
2.6.3	Change Password	7
3	Features	7
3.1	Chrome Extension For Anotode	7
3.1.1	Register/Sign in through Extension	8
3.1.2	Sign In	8
3.1.3	Signed In user	9
3.1.4	Register	9
3.1.5	Selecting text to Annotate	10
3.1.6	Annotated Text	10
4	Troubleshooting	11
5	Application Security	11
5.1	user security	11
6	Un-install	11
7	Frequently Asked Questions (FAQs)	12
8	Refernces	12

1 Introduction

This user guide contains instructions on installing, using, or troubleshooting software product.

1.1 Purpose

This document is intended to be useful for end users in order to understand how to use all the features of Anotode app. In case of any confusion or problem faced by user of Anotode android application and website, user can refer to this guide. All the features and how to access them is given in details in the following content of the document. User must fulfill all the prerequisites and give specified permissions to the application in order to get full functionality of the application along with full potential.

1.2 Document Overview

This document is a user manual for Anotode application which is sophisticated Web application and a android app. This document is divided into eight parts. The first section introduces the document, second part helps the intended audience to get real hand with application. Features will explain the core features of the Anotode, finally the Application security and User Privacy has been explained. To add further feasibility of this document Un-install and FAQs are added at the end of this document.

1.3 Scope

The user manual contains all the essential information which would help the client and the users to access the site efficiently. This manual includes a description of the system functions and capabilities and step-by-step procedures for system access and use.

1.4 User Permission

The application on installation from Android Play-Store, will require permission for uploading media from the application.

2 Getting started with Anotode

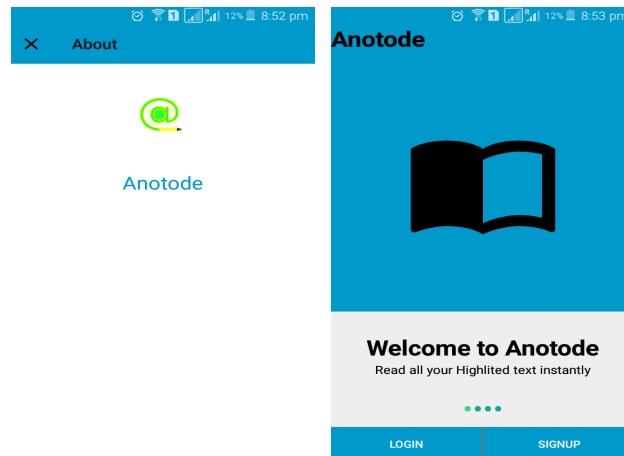
2.1 Product Perspective

This application Anotode aims to develop a software solution for enhancing the user experience with annotation. This application caters the need to solve the problem of highlighting text from web pages and dynamically storing them in our database. The registered user can highlight the text and make notes on demand.

2.2 Installation Instructions

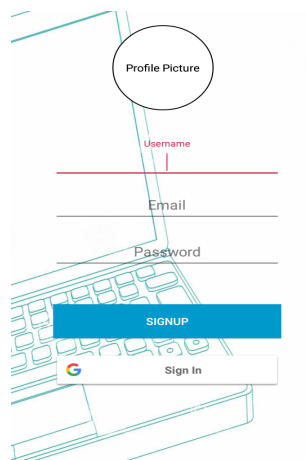
To install the android application of Anotode, open anotode.apk on the Android smart phone. To install chrome extension, one has to follow up <chrome://extension> to install chrome extension in chrome browser. The website is online at anotode.com.

2.3 About Anotode



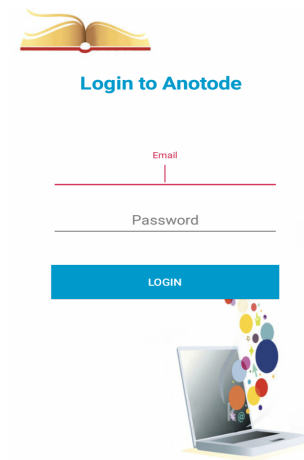
The about section describes the functionality/capabilities of the app Anotode. This section will help user to get to know the features listed in the application. This section will also help the user to know the core developers of this project.

2.4 Register



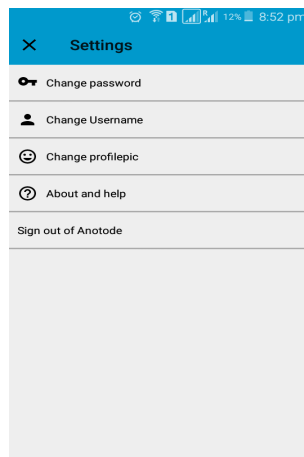
— This section of android application will register the user to the application. The user has to fill the username, email and password field or the user can choose the google-mail SignIn option.

2.5 Log-in



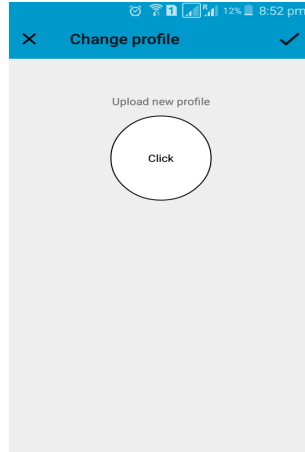
— The login features will help the user to login into android application. The login feature of this application authenticates a user and authorizes it to use the functionality that will be explained in detail in next section Features.

2.6 Change Settings



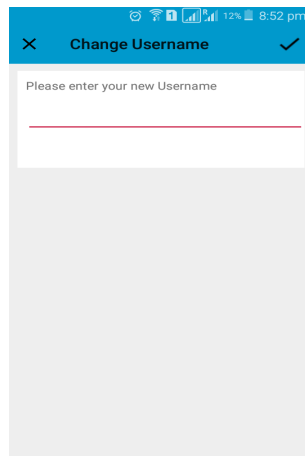
— This section of android application will help user to alter the settings of the application. Prominent features like changing user-name, password and profile-pic is given in this section to help user customise the application according to their specification.

2.6.1 Change Profile Picture



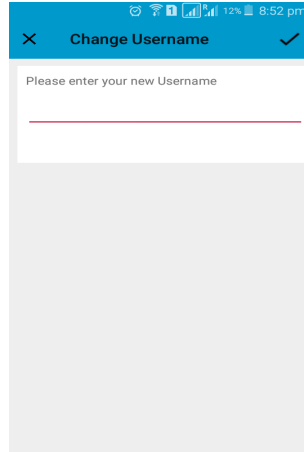
This section of android application will help user to change their their profile picture. Once the icon on click is selected then user will get a prompt message to select a profile pic from their gallery of Android system. Only the images stored in the mobile device will be used to chang the profile picture.

2.6.2 Change Username



— This section of android application will help user to change their their username in the application.

2.6.3 Change Password



— This section of android application will help user to change the password of their application account. The user will need to fill the new old password and then new password for their there account.

3 Features

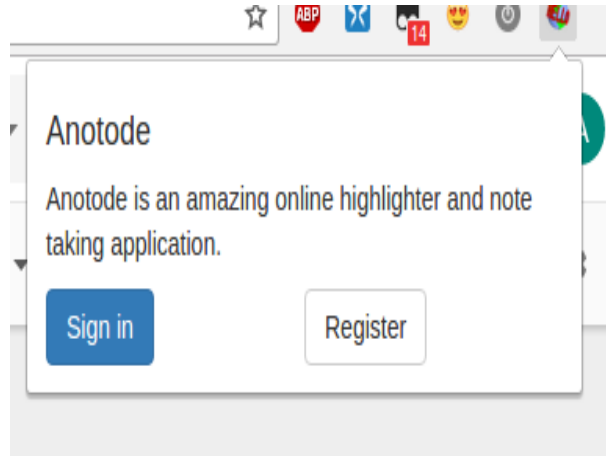
3.1 Chrome Extension For Anotode

The chrome extension helps the user to select the text from the web page and save it to our database. So that whenever a user desires to revisit or recollect the text, the extension will re-highlight the text. This feature of the application will enable user to get rid of traditional bookmarking method of a web-page.

The advantage here being that, this will enable a user to create notes on demand and help them to organise their notes with the help of tags and category, a feature that helps to organise the notes.

To make the note categorization more user intractive, the user can choose the colour scheme of their tags.

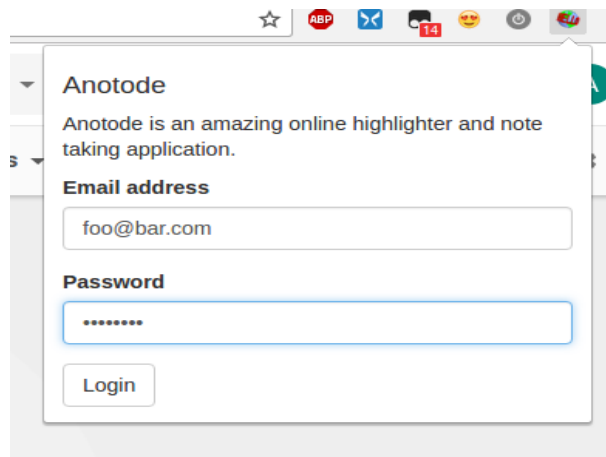
3.1.1 Register/Sign in through Extension



— One the user downloads the application Anotode from Chrome Web Store, the user has to activate the extension by clicking on it. The extension will prompt a message stating **Sign in/Register**.

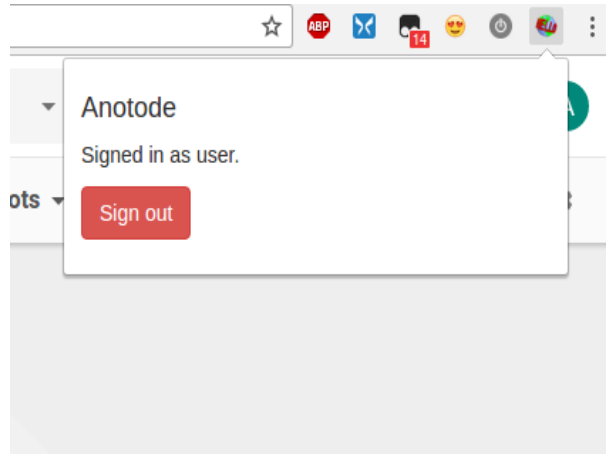
Then the user according to their selection choice, will either sing in or register themselves to the application.

3.1.2 Sign In



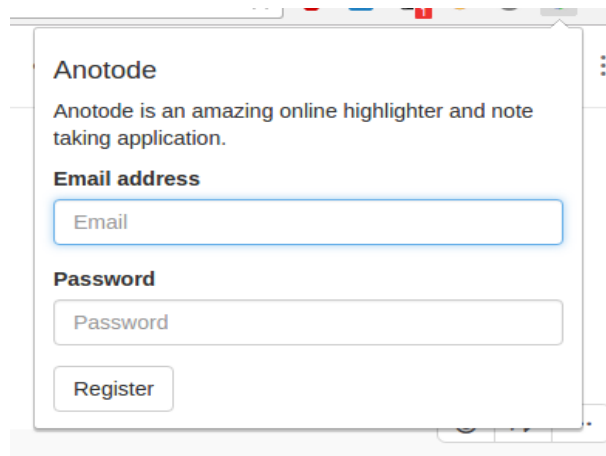
— The user has to fill the registered email-id and password to authenticate themselves to the application. Once the registered user is authenticated then the user is authorized to use the application. Otherwise the user has to register themselves first to use this application.

3.1.3 Signed In user



— The application will display the prompt message that user has successfully signed in to the application. And the option for sign out to exit from the application's process.

3.1.4 Register



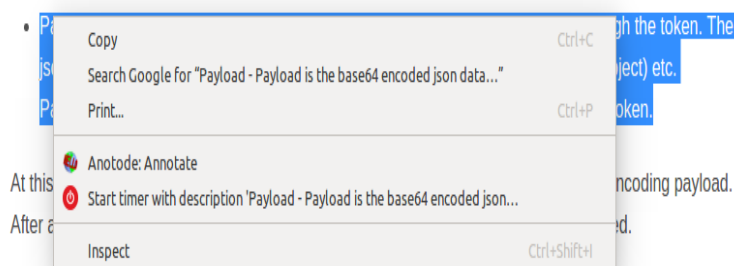
— The user if not registered has to fill the registration form, specifying the details of email-address and password. Once the user register themselves to the application they are asked to sin in to the application to complete the process of authentication.

3.1.5 Selecting text to Annotate

xxxxx.yyyyy.zzzzz

The 3 parts in order are -

- Header - Header is the base64 encoded json which contains hashing algorithm on which the token is secured.



- Signature - Signature is a hashed string made up by the first two parts of the token (header and

— For the process of annotation the user has to select the text from the web page and right-click the selected text. The option for Anotode : Annotate should be selected by the user to capture the selected text. After successful annotation the user can see the highlighted text. The user can also use shortcut *Ctrl – Shift – S* for this feature.

3.1.6 Annotated Text

secured.

- Payload - Payload is the base64 encoded json data which needs to be shared through the token. The json can include some default keys like *iss* (issuer), *exp* (expiration time), *sub* (subject) etc. Particularly *exp* here is the interesting one as it allows specifying expiry time of the token.

At this point you might be thinking that how is JWT secure if all we are doing is base64 encoding payload.

After all, there are numerous to decode base64. This is where the 2nd part (yyyyy) is used

— The highlighted text is being displayed after selecting to annotate the text from the application Anotode.

4 Troubleshooting

If user finds any issue with the application Anotode, the user can report it our developer directly by sending a mail or they can report the issue with the registered id of our application.

The developers will try their level best to answer their query and issue within 48 hours of reporting an issue. The developers will also highlight the updates, bug-fixes and promote the developing within developing community.

5 Application Security

Privacy and User Security

5.1 user security

This document provides the means to authorize user access to the Anotode application and its features and to main data integrity.

1.Authentication (System Access)

Makes sure users are who they claim to be. Authentication is controlled by

1. User email id
2. Passwords

2.Authorization (Application Access)

Makes sure the user has access only to specified applications or features within applications. Several mechanisms are used: system operating mode, token availability, and role definitions.The user must first be authenticated. Each user is identified by a profile, which contains that users authorization role.

3.Privacy (Data Access)

- Protects the sensitive data objects from unauthorized use by assuring that only users with the appropriate Read/Write/Execute privileges gain access.

6 Un-install

The user can un-install the android application by navigating to the application and long press on the icon. The application will prompt the notification for un-installing the application.

When the un-install option is selected the application will get un-instlled from the the Android System.

Also their will be an feedback option be provided, which will be optional(not

compulsory) to fill. The intention is to let developers know if there's any modifications are required for the application. And finally the satisfactory ratings will be asked(optional). To measure the user experience with the application.

7 Frequently Asked Questions (FAQs)

- **How to change profile pic ?**

To change profile pic, first go to settings and click on change profile pic. Then choose the pic from media gallery of Android System.

- **What tag feature do in the application ?**

The tag feature helps to modularise the notes. So that the notes are distinct and concise.

- **Can I see the notes made by me in Website ?**

The on demand notes made by the users will be stored on the database. The users can see their notes in Anotode Android application as well as on the Website.

- **How to activate chrome extension ?**

The chrome extension could be activated by just clicking on it and signing onto the application, if not registered.

8 Refernces

User Manual, CS Team 8,Software Engineering, Winter 2015-16.