

ANOTODE

The Web Annotator .

Feasibility Report Rev 3.0

CS Group 1

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Revision Table

Revision	Author	Reviewer	Revision Date	Revision Tracking Notes
1	Monika		4-9-16	Initial version
2	Monika	Yedla	5-9-16	Added integrated analysis
3	Chahat	Abhilash	5-9-16	Corrected some grammatical mistakes

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1 Executive Summary

Anotode will provide users variety of functions in the field of both private and public reading. With anotode user can add information from web page to his/her own personal account and make notes of it. Chrome plugin will highlight or add gloss to the text. It will include notes written for a readers private purposes, as well as shared annotations written for the purposes of collaborative writing and editing, commentary or social reading and sharing.

2 Problem Statement

- Internet contains vast information about a particular topic. Getting some information that is needed by us consumes lot of time. We have to search again and again even if we have search it in past. There is no platform where you can organise the information which is fruitful in the internet.
- We have to bookmark the whole webpage if we want only a small paragraph in that article. Bookmarks doesn't help much as we can not customize and get proper information from them.
- Our project helps you to discuss, collaborate, organise, your research or make your personal notes from that vast information so that you can use that notes more effectively.

3 Project Scope

This project consist of making a chrome plugin which will hightlight or add gloss to the annotated text in a webpage. Currently there is no such application exist which provide text annotated to your account. There are only some application which provide link to the annotated text. So person can use that text to make personalize notes or can use it to discuss with readers. We will divide our project in two phases. First phase would be to provide personalise account with coulour notes,tags,bookmarks and comment section in it. In second phase we will make it for both public and private with features like newsfeed.

4 Project Component Analysis

4.1 Technical Feasibility

The proposed project is technically feasible. We have decided to divide the group into three parts: Server team,Web development team,Android team.

- **Chrome Plugin** It will use Javascript for coding which is known by almost all team members but we have to learn how to make plugins.

- **Server** The back-end of the application will be built on NodeJs which is robust for server side coding. The members in the group can handle this language.
- **Web Interface** The application will mainly use AngularJs as front- end along with HTML, CSS, Javascript which is used previously by many team members.
- **Android** The application required knowlegde of android development which is possessed by some of members in the group. The android app will be build in Android Studio.

4.2 Social Feasibility

The target audience mainly comprises of students, professors and researchers, developers, bloggers, business but it can be use general as it provides private notes making and reading. Professors and researchers could annotate research papers, thesis from webpage. Students can use it to make their customize notes and to highlight important information in webpages like wikipedia. The developers can use it to make notes of a programmin language that they have learn or the issue which they have solved by searching it on the web. The bloggers can use it as they always require something to note down which they found interesting. As the application target the general audience, anyone can use it.

4.3 Integrated Analysis

On the whole the project is feasible as both technical and social. The project also meet the time constraint. Many team members have past experience of making such projects. The team has enough confidence based on skills and past performances that we can complete this project on time.