1. Title of the Project

Wrier-Assistant

2. Team members Name

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Vitul Chauhan

3. Abstract

Writers-Assistant : is a plugin used to convert text to handwriting on the browser it helps user to generate handwriting taking text as input and generate handwriting document.it also summarise the content and It is absolutely free to use for editors and content writers as well as students and researchers.

4. Problem Identification/Analysis

In an average person's handwriting speed is 13 words per minute, and their typing speed is 3 times greater.

Too much writing takes too long.

Iit makes you focus less on what you're writing, and instead you paint letters on a page perfunctorily.

5. objectives/Expected outcome

The goal of this project is to implement technique in a way which allow the user to feed samples of their own handwriting and use those instead.

6. Existing works/solutions-demerits

Require trained interviewers. -Lack of test reliability and validly of projective technique. -Skilled interpreters are also required to analyse the responses. There is a serious risk of interpretation bias. They tend to be expensive. May require respondents to engage in unusual behaviour.

7. Proposed work-Merits

helping Students ,Teachers ,Researchers To convert text into their own handwriting ,Quick article summary ,Speed-reader(text To video Player), Data Extract from image(image to csv),Webpage Printer (removing unnecessary item while printing),etc.

8. Requirement analysis: H/W and S/W requirements

Hardware Requirements: browser (chrome, Firefox, etc.)

Software Requirements: Front end: Html, Cuss JavaScript, bootstrap, jQuery

Back end: Php

Data base: MySQL

Hosting: 000webhost and github.io

Fonts: calligraphr.com and fonts.google.com

9. Modules:

1. ***Authentication module****: user/admin (login/Sign up).*

2. ***File uploading module****: user .of &.ttf files.*

3. ***Text Format module****: font size, ink colour, page size, effect, resolutions.*

4. ***Words format Module****: text position, word &letter space, padding, Margins.*

5. ***Background effect module****: image background changes.*

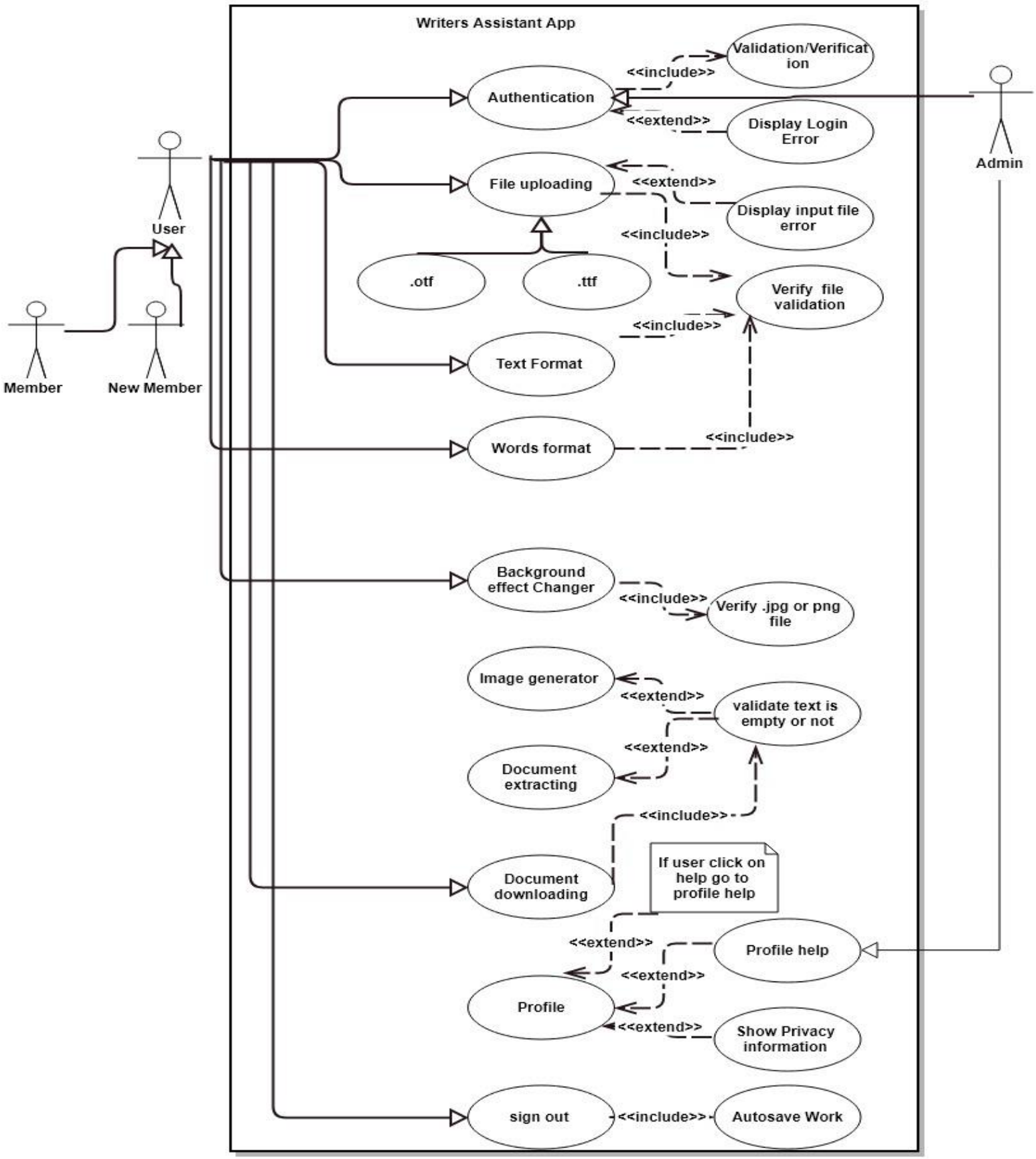
6. ***Image generator module****: text to image conversion.*

7. ***Document extracting module****: image to document merge (pdf).*

8. ***Document downloading modules.***

10. System design-any two types of UML diagrams

Writers Assistant App
1. Use case diagram
2. Sequence diagram
3. Class diagram


Writers Assistant App
Validation/Verification
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Authentication
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Display Login Error
Admin
User
File uploading
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Display input file error
<<include>>
.otf
.ttf
Verify file validation
<<include>>
Member
New Member
Text Format
Words format
<<include>>
Background effect Changer
<<include>>
Verify .jpg or png file
Image generator
<<extend>>
validate text is empty or not
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Document extracting
<<include>>
Document downloading
If user click on help go to profile help
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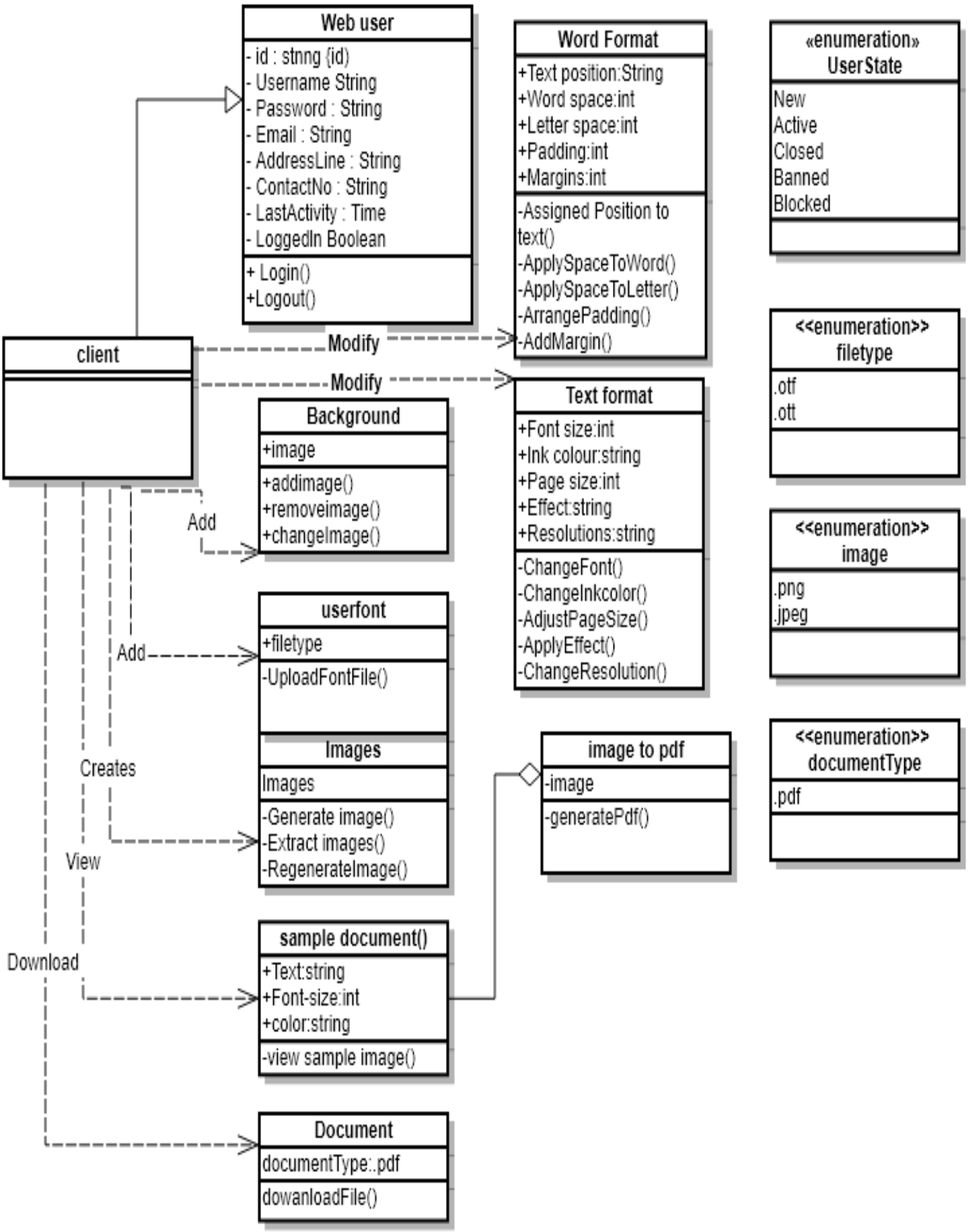
Profile help
<<extend>>
Profile
<<extend>>
Show Privacy information
sign out
<<include>>
Autosave Work


Web user
- id : stnng {id)
- Username String
- Password : String
- Email : String
- AddressLine : String
- ContactNo : String
- LastActivity : Time
- LoggedIn Boolean
+ Login()
+Logout()
Word Format
+Text position:String
+Word space:int
+Letter space:int
+Padding:int
+Margins:int
-Assigned Position to text()
-ApplySpaceToWord()
-ApplySpaceToLetter()
-ArrangePadding()
-AddMargin()
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UserState
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Active
Closed
Banned
Blocked
client
Modify
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Text format
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-Extract images()
-RegenerateImage()
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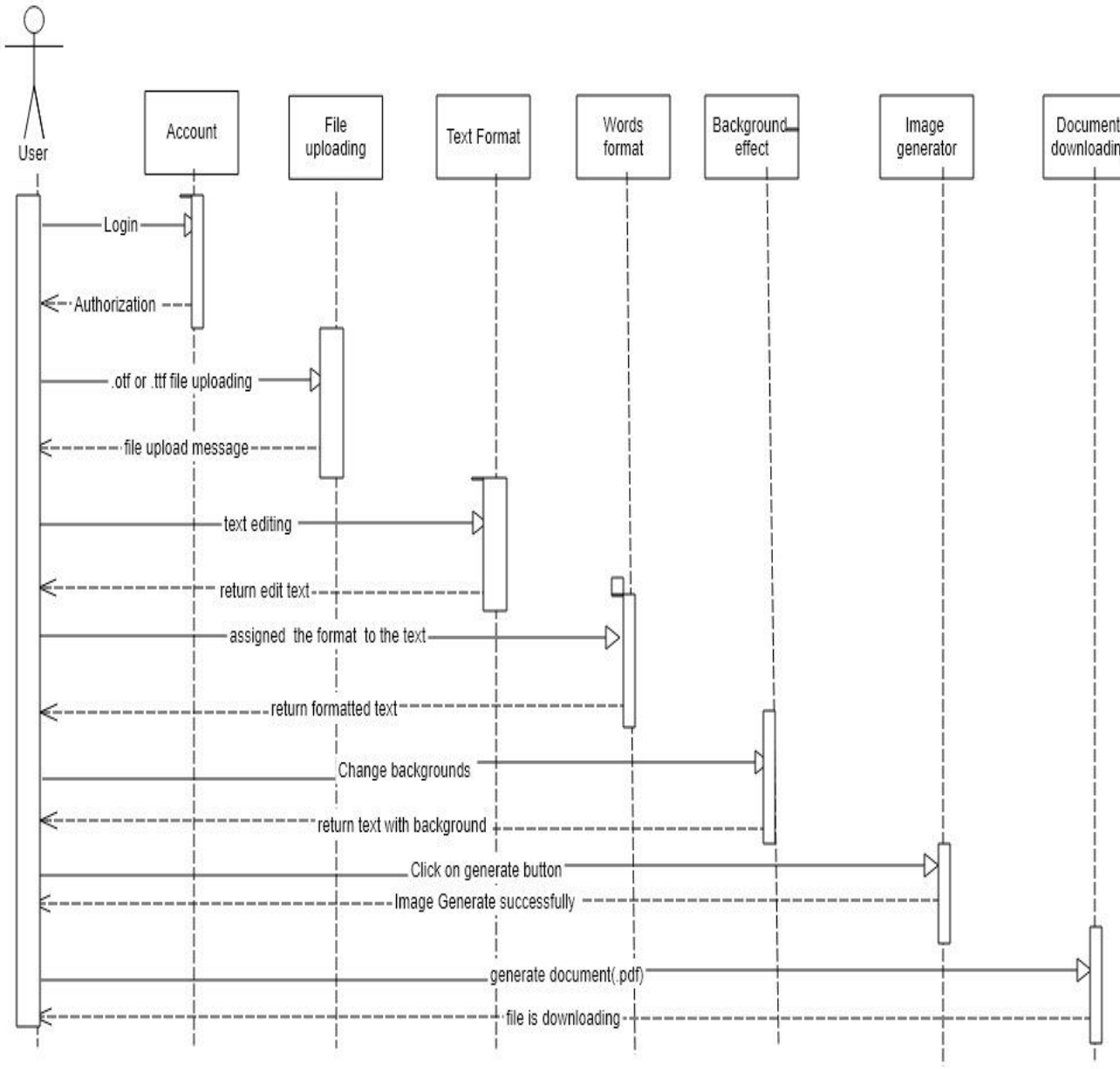

11. ETA (Expected Time of Arrival)

Next week

12. Project current Status/ progress

Presentation is complete

All Diagram portion complete

Documentation 40 percent pending

Implementation is 70 percent complete