1. CRYPTO\_SECRET\_KEY:  
   They are using cryptojs ciphers algorithem for encryption & decryption.  
   They have also integrated Md5 for hasing.
2. Cert.pem ( aws )
3. Key.pem ( aws )
4. Twilio
5. S3 bucket
6. One drive
7. Drop box
8. Stripe setup for payment
9. Credentials.json has many unique ID’s which may be getting used for authentication. ( login with google )
10. Set up mail also ( if official mail we want specially for docugram )

Will have to understand php set up also.

Ws calls are there because behind the scenes web socket is working. In http client initiates all requests, web socket provides a full duplex communication. This is for real time application.

Index.js and admin.js has all the routes.  
On request hit first comes controller, repeated methods are defined under helper folder. Db folder has all the migrations & seeds.

DB Analysis:

1. blogs: No data under blogs table.
2. Box\_cloud: This table contains the accesstoken of dropbox I guess.
3. Company: This table is connected with users table & contains information related to company. Which user has added which company. User\_id as foreign key.
4. Country: This table is not connected with any other table.
5. Credit\_history: It mainly has all the information regarding how many credits are left with user, like envelope\_left, sms\_left, etc. and also envelope\_id, recipient\_id are foreign keys.
6. Customer\_envelope: all the information regarding customer envelope.
7. Customer\_envelope\_documents: All the documents uploaded by customers are stored here, It has column such as file\_name, file\_path.
8. Customer\_envelope\_document\_additional\_fields
9. Customer\_envelope\_forms  
   It only has one extra field answers
10. Customer\_envelope\_signature\_document\_pages:   
    It has 2 suspicious columns file\_path & placeholder details ( which has object )
11. Customer\_envelope\_signature\_document : All the information regarding which user is associated with which envelope id, which doc has been submitted by the user and what is the file name, where it has been stored(path) etc.
12. Drop\_box: It also has access\_token of drop box.
13. Envelope: who has requested the documents ( sender id) & user id and envelope name and due date.
14. Envelope\_document\_links: which company has reqested document from whom(userid) & whats the status.
15. Envelope\_documents: has all envelope related information.
16. Envelope\_documents\_additional\_field: who has submitted which document