1. **DUPLICATE CITATION ISSUES**

Removing through ID’s will not work as it will damage the data as same ID’s contain empty judgements as well.

We have highlighted duplicate citations in many files.

Most problematic things is that it contains empty judgments

**Possible reasons for duplicate citations**

File was being uploaded but on some reaction from human side another click was made to expect a response, in the meanwhile, file was starting to upload and a few records were uploaded, before another wrong press/click made it stop. Thereafter another attempt was made to upload the files.

Or the system is faulty because Abdullah can give an example on the file he uploaded once but found duplicate citations there. He was sure because he was testing duplicate citation records.

**Solution :**

Identify the files that might have been uploaded twice. Delete the ones incomplete. We can identify you the years in which duplicate citation issue is occurring. Please suggest.

Response:

This is 100% Human error as i seen some records have months difference.

There is 2 Solution:

- You can provide me Excel Sheet using System to generate.

- i will provide you option for delete case/judgment one by one.

Abubakar’s Response

We cant go and recheck all the ID’s manually. It will be a marathon effort. Because in few of the ID’s when file was not uploaded properly it brought empty records as well.

If file was uploaded twice then it should have two records at the back end, no? One of them will be empty or half records file interrupted during upload.

Any solution in mind to this situation?

1. **STATUTE/LEGISLATION WORKING**
2. STATUTE TAGGING

Provide all the statute files we have collected/added/scrapped so far – all separate PDF and WORD FILES

Abubakar’s Response

Required as above. ALL PDFS AND WORD FILES. I MIGHT WANT TO WORK ON THE SAME IN SEPARATE.

* How to update the tagging of statutes and keywords on the newly added .db files or individual judgment from backend?

**Response:**

- all the data will shift to office PC in every 2 weeks and bulk update will only process on back office.

- I will give you option for tagging individual judgment in edit case screen.

Abubakar’s Response

Waiting for the option ---Please provide timeline

Please keep in mind backend working in office hours should not interfere in speed at front end.

Does it mean all the following questions will be answered as this one?

* How long will it take to complete the process? E.g if I add file today when will it be tagged by statute and keywords, and added into the practice area folder. Please note that latest judgments to placed on the top in the practice area.

**Response:**

- Its Depends on number of records, one judgment take around 5 to 10 min to tag everything (Keywords, statutes and linked citations)

Abubakar’s Response

I mean to say is, how will you shift new records to other pc for tagging and then back to web server and online and accordingly latest judgment will be appearing in related practice areas as latest judgments box. How long will that take. Keeping in mind that backend should not effect front end.

Quantum of judgments will be 500/month

* How will statute variation work? We will be able to identify more statute variations with time. How will these be updated to increase the tagged cases? How long will it take to update the same? Will doing work from backend effect the front end speed?

**Response:**

This is purely backend process and its check on following basis .

- Search as it is.

- Search with remove "**,**"

- Search with remove "**-**"

Abubakar’s Response

should I keep updating excel sheets or work on them from the backend? because backend slow down front end and I am scared to touch backend. We can improve through excel sheets better than working at back end? Or one off variation can be added from back end?

kindly devise a procedure for the same. Share Excel sheet for identifying more variations for further implementation.

* We are to remove statute duplication – we can do it manually from back end. Will it impact the speed or should we just remove these duplications by identifying them and deleting them by ID? (you provide excel sheet, I give you ID’s to be removed)

**Response:**

Both options are fine, either you remove from backend or provide me ID's list in excel.

Abubakar’s Response

Provide me excel list containing ID’s of all statutes. If you have already provided such sheet please identify for this purpose.

* In the situation above how will you treat the tagged duplicate laws? Will it be automatically deleted?

**Response:**

If you remove statutes, it will automatically remove all related things.

Abubakar’s Response

Then we will have to rerun the process of statute tagging with cases as we have duplications tagged along. E.g two same statutes (duplicates) are tagged with different no. in the statute tagged cases list. I have seen many cases in our statute tagged list.

* How will statute updated will work in connection with statute tagging ?

**Response**:

- Same as back office process

front end representation.

Abubakar’s Response

Two weeks time for tagging any new case or all cases and statute variation?

* Deletion of keywords from backend takes ages. Should we also work keywords on excel sheet so that speed at server is not disturbed?

**Response:**

Now we have huge database so i always prefer to perform these type of process on weekly basis and should be from back office.

Yup it will be required once a month (for 2 months not more than that), but it will be required. Therefore I am guessing that working on excel sheet in that case will be better than working and putting load on backend.

Abubakar’s Response

How should we work on keywords lists? Please provide excel sheet with ID’s for keywords then we will provide you ID’s to be removed or just providing the keyword would be good enough. Accordingly please share your views and a list as soon as possible.

Just a suggestion create ID’s so the same ID’s could be linked to topics/glossory and practice area when required? Just guessing. REQUIRES DISCUSSION

1. Type of statute files
2. Added from statute facility --- migrate statute utility ---in form of Year and Circular or S.R.O form --- (to be tagged as secondary legislation) -- containing dates in DB –

**Response:**

Ok, will update from backend and also will update statute utility whenever any thing tag as SRO or circular treat as secondary.

PLEASE PROVIDE EXCEL LIST OF THE SAME TO FURTHER WORK ON DEFINING CRITERIA FOR SEARCH – WITH NO. SEPARATED FOR SEARCHING. YEAR IS ALREADY THERE.

1. Scrapped data (containing Primary and Secondary tag) – containing dates --

**Response:**

Not in well format.

Abubakar’s Response

1. Added in department kept in folders (containing extra fields of title and including Year and Date). Folder type describes the S.R.O, Circular, etc.
   1. How will you define the search criteria for all? Will it be possible to search S.R.O no. from all files?
   2. Advance Legislation search will contain all the search boxes to search all type of files.

**Response**

yes its possible to search from SRO No but only from departments not from Statutes uploaded files.

Abubakar’s Response

But what if I work separately on the uploaded file. Same way as on excel sheet we put title, date, and s.r.o no. and department name (if applicable), with every record then it become in line with the searching of department files? I intend to remove duplications between both type of files later.

1. Types of Viewing statute on website
   1. If any statute is opened e.g

<http://eastlaw.pk/Statutes/National-Commission-on-the-Status-of-Women-Bill--2012.MTEwMQ>==

The word file should load here

--- if no word file then PDF should be loaded automatically.

--- is there a better way for presentation of PDF document? Should we convert all these files into word through OCR?

Also finish option to download statute.

**Response:**

Prefer format on website is PDF, even i will suggest if you convert word files into PDF as that is more secure and reliable and it's very easy to convert word to pdf.

Abubakar’s Response

Okay, I Agree to this. Start implementing the same.

I will come up with a better solution soon once you provide me all statute PDF and WORD files as I have asked above.

* 1. Download option will be on hold for a while. First we should load the files on our website. We have to create template for download of each document with a waiver being placed on every page of the document. Till it is not ready we will not offer download.

**Response:**

ok will disable that feature.

Abubakar’s Response

Implementation ??

Address the following situation.

So if the file opens like in the following example

[**http://eastlaw.pk/Statutes/National-commission-on-the-status-of-women--conduct-of-Business--rules-2004.MTgzNA**](http://eastlaw.pk/Statutes/National-commission-on-the-status-of-women--conduct-of-Business--rules-2004.MTgzNA)**==**

**DOWNLOAD OPTION SHOULD NOT BE THERE. WE ARE GOING TO HOLD DOWNLOAD OPTION AND LOAD DOCUMENTS ON OUR WEBSITE. WEBSITE SHOULD DIRECTLY LOAD THE WORD DOCUMENT – IF NOT THEN PDF DOCUMENT**

* 1. **Search Income-Tax Ordinance, 1979 – not visible on drop down for title**

[**http://eastlaw.pk/Statutes/Income-Tax-Ordinance--1979.OTEw**](http://eastlaw.pk/Statutes/Income-Tax-Ordinance--1979.OTEw)

**where there is option of download PDF , Download WORD, the same should be replaced with VIEW FULL STATUTE**

**IF C is put in comparison with A & B, then**

**Ideally Document should open automatically, by loading word format on website like department file. Exception will be where there is an index page then VIEW FULL STATUTE option will appear under documents on EASTLAW.**

Abubakar’s Response

Address the situation above

1. **Reporting Errors**
   1. **Report missing citation ?**>>> click >> open a box like report error box we have : reports to backend about ay user who can write citation write statute name etc. to report it to backend. So we can check and find citation and report back to the user when the judgment he was looking is added ---
   2. **Report a missing statute?**>>> click >> open a box like report error box we have : reports to backend about ay user who can write citation write statute name etc. to report it to backend. So we can check and find citation and report back to the user when the judgment he was looking is added ---

Abubakar’s Response

Pending since long?