Developer : Abhijeet Thorat

Module Name : Prior Art Search

Module Description :

Prior Art Search Form is the first prerequisite to file a patent.

Fields Details :

| Sr.no | Field Name | Field Type | Size  (Max Length) | Input By |
| --- | --- | --- | --- | --- |
| 1 | IPR\_prior\_art\_invention\_title | CharField | 300 | User |
| 2 | IPR\_prior\_art\_applicant\_name | CharField | 100 | User |
| 3 | IPR\_prior\_art\_inventor\_name | CharField | 250 | User |
| 4 | IPR\_prior\_art\_Invention\_description | CharField | 8500 | User |
| 5 | IPR\_prior\_art\_keywords | CharField | 200 | User |
| 6 | IPR\_prior\_art\_from\_id | CharField | 150 | User Registration Data |
| 7 | IPR\_prior\_art\_date\_received | DateTimeField | N.A | Auto(from backend after admin submission) |
| 8 | IPR\_prior\_art\_date\_replied | DateTimeField | N.A | Auto(from backend after admin submission) |
| 9 | IPR\_prior\_art\_status | CharField | 20 | Admin (default=pending) |
| 10 | IPR\_prior\_art\_replied\_comments | CharField | 10000 | Admin |
| 11 | IPR\_prior\_art\_reply\_doc\_name | CharField | 1000 | Admin (Null=True) |
| 12 | IPR\_prior\_art\_uploaded\_doc\_name | CharField | 1000 | User |

Validations :

| Sr. No | Field Name | Validation |
| --- | --- | --- |
| 1 | IPR\_prior\_art\_invention\_title | * Max size should not be greater than 300 characters * Length of input should not be null, blank. * AutoComplete should be disabled. |
| 2 | IPR\_prior\_art\_inventor\_name | * Name should not be greater than 250 characters * Name must contain on letters and (no Special characters excluding (comma , and dot .) and number) * Minimum length must be 2 characters. * Length check must be done on server side |
| 3 | IPR\_prior\_art\_from\_id | * Server side email validation with regex. |
| 4 | IPR\_prior\_art\_status | * Max size should not be greater than 30 characters * Default status should be displayed as pending |
| 5 | IPR\_prior\_art\_replied\_comments | * Name should not be greater than 10000 characters |

Module Flow :

1. After Successful login, a dashboard will open where user can see various forms i.e. IPR Query Form, Prior Art Form,Profile form etc.
2. Users can click on Prior Art Form for applying for search.
3. Before filling IPR Prior Art form, there is a check for profile details filled or not (If yes it will redirect to IPR Prior Art form page or else profile page for letting user enter their personal information on profile page).
4. After entering to IPR Prior Art form page, User can enter their patent details, download the IDF form and upload the document, check the checkbox of terms and condition and then click on submit button.
5. Now (Form data, checkbox data along with status (pending by default), form submitted date,user\_id,form\_id) will auto filled with default values into database from backend.
6. On successful submission of form a mail will be generate to user well as admin with all form details and documents.
7. Now user can see status of submitted form from IPR Prior Art Status in dashboard.
8. Admin will select search queries to reply and the query status would be changed from pending to Inprocess.
9. Admin will answer search query selected by them using admin panel with some remark if required and will change status from Inprocess to completed then submit.
10. After submission of search query reply, again a mail will be generated to user and admin with updated details.
11. Now user can check Processed query status from dashboard.

Module Technical Details:

1. For IPR prior art page:

Model Name – IPR\_prior\_art

URL Name – IPR\_prior\_art

View Name – IPR\_prior\_art\_view

Template Name – IPR\_prior\_art.html

2. For IPR prior status page :

URL Name – IPR\_prior\_art\_status

View Name – IPR\_prior\_art\_status\_view

Template Name – IPR\_prior\_art\_status.html