

Organization

Constraint	Field	Type	Remarks
pk	id		
unique	name		
	Address		
	City		

Department

Constraint	Field	Type	Remarks
pk	id		
	name		
fk	Org_Id		Reference - Organization

practice_areas

Contains master records for lawyer types

Constraint	Field	Type	Remarks
pk	id		
unique	name		

court_types

Constraint	Field	Type	Remarks
pk	id		
unique	name		
fk	parent_court		reference - court_types (self join) E.g. - Parent of high court is supreme court

courts

Constraint	Field	Type	Remarks
pk	id		
fk	court_type		references - court_types
	place		
	address		
	contact_no		

users

Constraint	Field	Type	Remarks
pk	id		
	first_name		
	middle_name		
	last_name		
unique	username		Email address
	ref_user_id		reference-Self (if Top Level Department is there then link with the nodal Officer Email)
	password		
fk	Org_Id		Reference - Organizations
fk	Dept_Id		Reference - Department
	role	enum	[Head,NodalOfficer]
	access	enum	[edit,view Only]
	is_active	boolean	
	last_logged	timestamp	

Case Module

Lawyers

Constraint	Field	Type	Remarks
pk	id		
	First_name		
	Middle_nme		
	last_name		
	contact_no		
	email		
	address		

Lawyer_Practices

Constraint	Field	Type	Remarks
pk	id		
fk	lawyer_id		Reference - Lawyers
fk	area		Reference - Practice_area

Cases

Constraint	Field	Type	Remarks
pk	id		
fk	user_id		reference - users
fk	court_id		reference - courts
fk	type		reference - practice_areas
	title		
	description		URL / File
	status	enum	Detail
fk	lawyer_id		Reference - Case_lawyers
	Petitioner(Plaintiff)		Who Files the case On the Organization
	next_hearing_at	timestamp	Date on which next hearing is scheduled
	judgement		
	judgement_at	timestamp	
	case_history	json	Array of previous case(s) linked to this case (in case of the case was already filed in lower courts)
	result	enum	[pending,Defeat,Victory]

Status

- ADMISSION - Admitted but pending for judge allocation
- ALLOCATED - Judge is allocated but pending from initial remarks from judge
- APPROVED - Case approved by judge and waiting for defender's initial response
- REJECTED - Case rejected by judge
- RESPONDED - Initial response received from defender
- INITIATED - First hearing date is provided
- PROCESS - First hearing done and not derived judgement, further hearing required and scheduled for the same
- JUDGMENT - Judgement received - no further hearing

case_lawyers

Constraint	Field	Type	Remarks
pk	id		
fk	case_id		reference - cases
Fk	lawyerid		
	status	enum	ACTIVE, INACTIVE

case_hearings

Constraint	Field	Type	Remarks
pk	id		
fk	case_id		reference - cases
fk	user_id		reference - Users
fk	prev_hearing_id	nullable	reference - case_hearings (self join) (Null in case of first hearing)
	hearing_at	timestamp	
	description		Abstract description of hearing
	detail_doc		URL of detailed documentation for hearing
	status	enum	<ul style="list-style-type: none">• SCHEDULED - Hearing is scheduled• SKIPPED - Hearing is skipped by either party due to any reason• DONE - Hearing is done

case_invoices

Constraint	Field	Type	Remarks
pk	id		
fk	case_id		reference - cases
fk	user_id		reference - Users
fk	lawyer		reference - case_lawyers
	taxable_total	float	
	gst	flost	in %
	payment_status	enum	UNPAID, PAID

Note

Every table should have timestamps for create and update and should be automatically added to each record.

Constraint	Field	Type	Remarks
	created_at	timestamp	
	updated_at	timestamp	