

# Entities

## Master Module

### 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		
unique	username		Email address
	password		
	is_active	boolean	
	last_logged	timestamp	

## Case Module

### Cases

Constraint	Field	Type	Remarks
pk	id		
fk	user_id		reference -users
fk	court_id		reference - courts
fk	type		reference - practice_areas
	title		
	description		Abstract case description
	status	enum	<a href="#">Detail</a>
	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)

## 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
	lawyer_name		
	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"><li>• SCHEDULED - Hearing is scheduled</li><li>• SKIPPED - Hearing is skipped by either party due to any reason</li><li>• DONE - Hearing is done</li></ul>

## case\_invoices

Constraint	Field	Type	Remarks
pk	id		
fk	case_id		reference - cases
fk	lawyer		reference - case_lawyers
	taxable_total	float	
	gst	float	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	