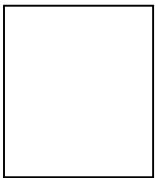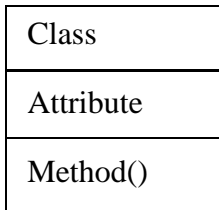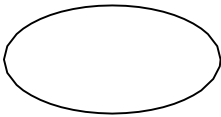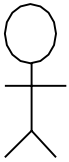# ABSTRACT

The court case management system is a dynamic web application. This application is compatible with both desktop, tablet and mobile (it is responsive design). It is used to add case(s) and hire Advocate for that case(s) in online. The Petitioner / Advocate must register in this application. The centralized database is used to store the case details and Petitioner/Respondent/Advocate details. Advocate are verified with help of enrolment number from previous dataset. Once login successful Petitioner / Advocate can able to add case details. The Advocate is suggested using Advocate Recommendation System (ARS) based on rating, experience and practice area by using submitted case details. Case details and documents are encrypted for security purpose by using AES algorithm. Then the transaction process is performed using Razorpay payment gateway for each hearing based on different heads. Invoice generated using FPDF and sent by E-mail to Petitioner with help of SMTP protocol and also have facility to download invoice in online. Additionally, chat app is available for Petitioner/Advocate to communicate more about Case(s).

LIST OF FIGURES

LIST OF NOTATIONS

NOTATION	NOTATION NAME
☺ (stick figure)	Actor
⬭ (ellipse)	Use case
Class / Attribute / Method()	Class
→ (arrow)	Message
▭ (rectangle)	Activation Box
—————— (line)	Association

LIST OF ABBREVATION

ABBREVATIONS	EXPANSIONS
AES	Advanced Encryption Standard
CCM	Court Case Management
DES	Data Encryption Standard
FPDF	Free PDF
ARS	Advocate Recommendation System
SMTP	Simple Mail Transfer Protocol
API	Application Programming Interface