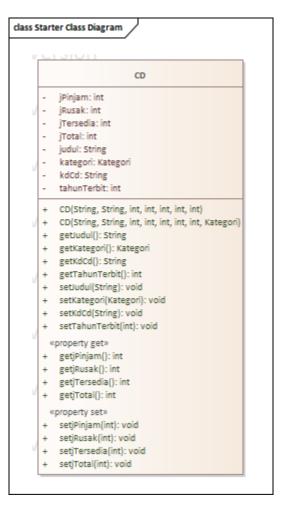
class Starter Class Diagram - edisi: int - isbn: String - jenisSampul: int - jPinjam: int - jRusak: int jTersedia: int - jTotal: int judul: Stringkategori: Kategori - penerbit: Penerbit - pengarang: Pengarang - tahunTerbit: int + Book(String, String, int, int, int, int, int, int, Kategori, Pengarang, Penerbit) + getEdisi(): int + getIsbn(): String + getJenisSampul(): int + getJudul(): String + getKategori(): Kategori + getPenerbit(): Penerbit + getPengarang(): Pengarang + getTahunTerbit(): int + setEdisi(int): void + setIsbn(String): void + setJenisSampul(int): void + setJudul(String): void + setKategori(Kategori): void + setPenerbit(Penerbit): void + setPengarang(Pengarang): void + setTahunTerbit(int): void «property get» + getjPinjam(): int + getjRusak(): int + getjTersedia(): int + getjTotal(): int «property set» + setjPinjam(int): void + setjRusak(int): void + setjTersedia(int): void + setjTotal(int): void



class Starter Class Diagram borrowedBooks: List<Book> borrowedcd: List<CD> - fakDep: String jDenda: double nama: String nimNik: String - pDenda: int - prodi: String + borrowBook(Book): void + calculateFine(Date): double + Client(String, String, String, String, double, int) + getBorrowedBooks(): List<Book> + getBorrowedcd(): List<CD> + getFakDep(): String + getNama(): String + getNimNik(): String + getProdi(): String + payFine(double): void + returnBook(Book): void + returnCD(CD): void + setFakDep(String): void + setNama(String): void + setNimNik(String): void + setProdi(String): void «property get» + getjDenda(): double + getpDenda(): int «property set»

class Starter Class Diagram

setjDenda(double): void

+ setpDenda(int): void

ClientInterface

- library: Library
- scanner: Scanner
- borrowBook(Client): void
- borrowCD(Client): void
- checkFine(Client): void
- ClientInterface(Library)
- manageFine(Client): void
- payFine(Client): void
- register(): void
- returnBook(Client): void
- returnCD(Client): void
- start(): void

class Starter Class Diagram

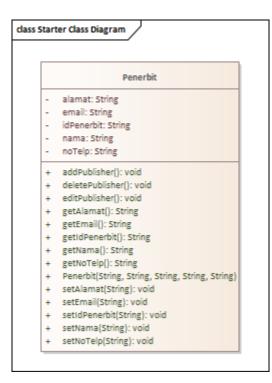
Pustakawan

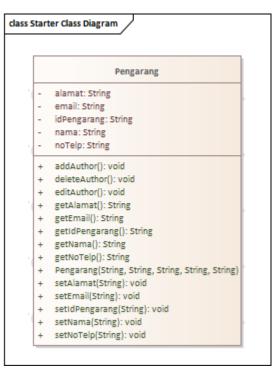
- email: String
- idPus: String
- nama: String
- noTelp: int
- password: String
- username: String
- + getEmail(): String
- + getIdPus(): String
- + getNama(): String
- + getNoTelp(): int
- + getUsername(): String
- + Pustakawan(String, String, String, String, int)
- + setEmail(String): void
- + setIdPus(String): void
- + setNama(String): void
- + setNoTelp(int): void
- + setPassword(String): void
- setUsername(String): void

class Starter Class Diagram

PustakawanInterface

- books: ArrayList<Book> = new ArrayList<>{)
- cds: ArrayList<CD> = new ArrayList<>()
- clients: ArrayList<Client> = new ArrayList<>{)
- kategoris: ArrayList<Kategori> = new ArrayList<>()
- penerbits: ArrayList<Penerbit> = new ArrayList<>()
- pengarangs: ArrayList<Pengarang> = new ArrayList<>()
- addBook(): void
- addCD(): void
- addClient(): void
- addKategori(): void
- addPenerbit(): void
- addPengarang(): void
- deleteBook(): void
- deleteCD(): void deleteClient(): void
- deleteKategori(): void
- deletePenerbit(): void
- deletePengarang(): void
- generateReports(): void
- + InterfacePustakawan(): void
- manageBook(): void
- manageCD(): void
- manageClient(): void
- manageKategori(): void
- managePenerbit(): void
- managePengarang(): void
- showAllBooks(): void
- showAllCDs(): void
- showAllClients(): void
- showAllKategori(): void
- showAllPenerbit(): void
- showAllPengarang(): void





Main + main(String[]): void

