RoleActivity
-registerAsPatientButton: Button
-registerAsDoctorButton: Button
-backButton1: Button
#onCreate(savedInstanceState: Bundle): void
MainActivity
-emailEditText: EditText
-passwordEditText: EditText
-signInButton: Button
-registerButton: Button
mAuth: FirebaseAuth
fstore: FirebaseFirestore
+onStart(): void
#onCreate(savedInstanceState: Bundle): void
User
-firstName: String
-lastName: String
-email: String
-password: String
-phoneNumber: String
-address: String
+getFirstName(): String
+setFirstName(firstName: String): void
+getLastName(): String
+setLastName(lastName: String): void
+getEmail(): String
+setEmail(emailAddress: String): void
+getPassword(): String
+setPassword(password: String): void
+getPhoneNumber(): String
+setPhoneNumber(phoneNumber: String): void
+getAddress(): String
+setAddress(address: String): void
DoctorCreateAppointmentActivity
-editTextStartDate: EditText
-editTextStartTime: EditText
-editTextEndTime: EditText
-buttonCreateAppointment: Button
-logOutButton: Button
-backButton: Button
-headerTitle: TextView
-mAuth: FirebaseAuth
-fstore: FirebaseFirestore
#onCreate(savedInstanceState: Bundle): void
-openDatePicker(): void
-openTimePicker(isStartTime: bool): void
-roundToNearestHalfHour(minute: int): int
-isToday(): bool
-createAppointment(): void
+isOverlapping(start1: String, end1: String, start2: String, end2: String): bool
-createNewAppointment(startDate: String, startTime: String, endTime: String): void
DoctorWelcomeActivity
-logOutButton: Button
-doctorStatus: TextView
-mAuth: FirebaseAuth
-fstore: FirebaseFirestore
-userStatus: String
#onCreate(savedInstanceState: Bundle): void
-checkUserStatus(): void
-checkAndMovePastAppointments(): void
-moveAllAppointmentsToUpcoming(): void
-deleteAppointmentFromRequests(documentId: String): void
-moveAppointmentToPast(appointment: Appointment, documentId: String): void
-deleteAppointmentFromUpcoming(documentId: String): void
-deleteShiftFromUpcoming(documentId: String): void
-isPastAppointment(appointment: Appointment, now: Calendar, dateFormat: SimpleDateFormat, timeFormat: SimpleDateFormat): boolean
-checkAndDeletePastShifts(): void
-isPastShift(shift: Shift, now: Calendar, dateFormat: SimpleDateFormat, timeFormat: SimpleDateFormat): boolean
-getCurrentUserId(): String
-checkUserInCollection(userId: String, collection: String, status: String): void
AdminWelcomeActivity
-logOutButton: Button
-registationRequestsButton: Button
-rejectedUsersButton: Button
mAuth: FirebaseAuth
#onCreate(savedInstanceState: Bundle): void
PatientWelcomeActivity
-logOutButton: Button
-patientRequestAppointmentButton: Button
-patientUpcomingAppointmentButton: Button
-patientPastAppointmentButton: Button
-patientStatus: TextView
-mAuth: FirebaseAuth
-db: FirebaseFirestore
-userStatus: String
#onCreate(savedInstanceState: Bundle): void
-setButtonListeners(): void
-performActionIfAccepted(activityClass: Class<?>): void
-checkUserStatus(): void
-checkUserInCollection(userId: String, collection: String, status: String): void
-checkAndMovePastAppointments(): void
-moveAppointmentToPast(appointment: Appointment, documentId: String): void
-deleteAppointmentFromUpcoming(documentId: String): void
-isPastAppointment(appointment: Appointment, now: Calendar, dateFormat: SimpleDateFormat, timeFormat: SimpleDateFormat): boolean
-getCurrentUserId(): String
WelcomeActivity
-logOutButton: Button
mAuth: FirebaseAuth
#onCreate(savedInstanceState: Bundle): void
Doctor
-employeeNumber: String
-specialties: String
-documentId
+getEmployeeNumber(): String
+setEmployeeNumber(employeeNumber: String): void
+getSpecialties(): String
+setSpecialties(specialties: String): void
+getDocumentID(): String
+setDocumentID(documentID: String): void
Patient
-healthCardNumber: String
+getHealthCardNumber(): String
+setHealthCardNumber(healthCardNumber: String): void
AdminRegistrationRequestsActivity
-recyclerView: RecyclerView
-userDetailsList: ArrayList<String>
-userIds: ArrayList<String>
-backButton: Button
-adapter: UserAdapter
-firestore: FirebaseFirestore
#onCreate(savedInstanceState: Bundle): void
*
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DoctorRegistrationActivity
-firstNameInput: EditText
-lastName: EditText
-emailAddress: EditText
-homeAddress: EditText
-userPassword: EditText
-phoneNumber: EditText
-healthCardNumber: EditText
-submitButton2: Button
-backButton2: Button
mAuth: FirebaseAuth
pendingFiretore: FirebaseFirestore
+onStart(): void
#onCreate(savedInstanceState: Bundle): void
-validateFields(first: String, last: String, email: String, address: String, password: String, phone: String, healthCard: String): bool
-isValidName(name: String): bool
-isValidEmail(email: String): bool
-isValidPassword(password: String): bool
-isValidPhone(phone: String): bool
-isValidEmployee(empNumber: String): bool
-isValidAddress(address: String): bool
-isValidSpecialty(docSpecialties: String): bool
UserAdapter
-context: Context
-users: ArrayList<String>
-userIds: ArrayList<String>
-firestore: FirebaseFirestore
+onCreateViewHolder(parent: NonNull ViewGroup, viewType: int): UserAdapter.UserHolder
+onBindViewHolder(holder: NonNull UserAdapter.UserHolder, position: int): void
+getItemCount(): int
-moveUserToCollection(userId: String, collectionName: String): void
UserHolder
-textName: TextView
-textRole: TextView
-acceptButton: Button
-denyButton: Button
setDetails(user: String, userId: String): void
AdminRegistrationRequestsActivity
-recyclerView: RecyclerView
-userDetailsList: ArrayList<String>
-userIds: ArrayList<String>
-backButton: Button
-adapter: UserAdapter
-firestore: FirebaseFirestore
#onCreate(savedInstanceState: Bundle): void
AdminDeniedRequestsActivity
-recyclerView: RecyclerView
-userDetailsList: ArrayList<String>
-userIds: ArrayList<String>
-backButton: Button
-adapter: UserAdapter
-firestore: FirebaseFirestore
#onCreate(savedInstanceState: Bundle): void
PatientRequestAppointment
-backButton: Button
-mAuth: FirebaseAuth
-db: FirebaseFirestore
-recyclerView: RecyclerView
-adapter: PatientAppointmentSearchAdapter
-searchBar: EditText
#onCreate(savedInstanceState: Bundle): void
-searchDoctors(searchText: String): void
PatientAppointmentSearchAdapter
-doctors: List<Doctor>
+onCreateViewHolder(parent: NonNull ViewGroup, viewType: int): DoctorViewHolder
+onBindViewHolder(holder: NonNull DoctorViewHolder, position: int): void
+getItemCount(): int
+setDoctors(newDoctors: List<Doctor>): void
DoctorViewHolder
-doctorNameTextView: TextView
-doctorSpecializationTextView: TextView
-selectButton: Button
+bind(doctor: Doctor): void
PatientUpcomingAppointments
-recyclerView: RecyclerView
-adapter: PatientUpcomingAppointmentsAdapter
-backButton: Button
-db: FirebaseFirestore
-mAuth: FirebaseAuth
#onCreate(savedInstanceState: Bundle): void
-loadUpcomingAppointments(): void
-getCurrentUserId(): String
PatientUpcomingAppointmentsAdapter
-appointments: List<Appointment>
-firestore: FirebaseFirestore
-mAuth: FirebaseAuth
+onCreateViewHolder(parent: NonNull ViewGroup, viewType: int): AppointmentViewHolder
+onBindViewHolder(holder: NonNull AppointmentViewHolder, position: int): void
+getItemCount(): int
+setAppointments(newAppointments: List<Appointment>): void
-getCurrentUserId(): String
AppointmentViewHolder
-appDateTextView: TextView
-appStartTimeTextView: TextView
-appEndTimeTextView: TextView
-doctorNameTextView: TextView
+bind(appointment: Appointment): void
Appointment
-appDate: String
-appEndTime: String
-appStartTime: String
-patientID: String
-doctorName: String
-id: String
-documentID: String
+getAppDate(): String
+setAppDate(appDate: String): void
+getAppEndTime(): String
+setAppEndTime(appEndTime: String): void
+getAppStartTime(): String
+setAppStartTime(appStartTime: String): void
+getPatientID(): String
+setPatientID(patientID: String): void
+getId(): String
+setId(id: String): void
+getDocumentID(): String
+setDocumentID(documentID: String): void
+getDocterName(): String
+setDocterName(docterName: String): void
DoctorAppointmentViewAdapter
-appointments: List<Appointment>
-firestore: FirebaseFirestore
-mAuth: FirebaseAuth
+onCreateViewHolder(parent: NonNull ViewGroup, viewType: int): AppointmentViewHolder
+onBindViewHolder(holder: NonNull AppointmentViewHolder, position: int): void
+getItemCount(): int
+setAppointments(newAppointments: List<Appointment>): void
AppointmentViewHolder
-appDateTextView: TextView
-appStartTimeTextView: TextView
-appEndTimeTextView: TextView
-patientNameTextView: TextView
-patientEmailTextView: TextView
-patientPhoneNumberTextView: TextView
-patientHealthCardNumberTextView: TextView
+cancelButton: Button
+bind(appointment: Appointment): void
-deleteAppointment(appointment: Appointment): void
+fetchUpdatedAppointments: void
-getCurrentUserId: String
DoctorUpcomingAppointmentsActivity
-recyclerView: RecyclerView
-adapter: DoctorAppointmentViewAdapter
-backButton: Button
-db: FirebaseFirestore
-mAuth: FirebaseAuth
#onCreate(savedInstanceState: Bundle): void
-loadUpcomingAppointments(): void
-getCurrentUserId(): String
PatientRequestAppointmentWithSpecificDoctor
-recyclerView: RecyclerView
-adapter: PatientRequestAppointmentWithSpecificDoctorAdapter
-backButton: Button
-doctorDocumentID: String
-currentUserId: String
-mAuth: FirebaseAuth
#onCreate(savedInstanceState: Bundle): void
Shift
-date: String
-endTime: String
-startTime: String
-id: String
-documentId: String
+getDate(): String
+setDate(shiftDate: String): void
+getEndTime(): String
+setEndTime(endTime: String): void
+getStartTime(): String
+setStartTime(startTime: String): void
+getIdTime(): String
+setId(id: String): void
+getDocumentId(): String
+setDocumentId(documentId: String): void
+splitInto30MinIntervals(): List<Shift>
PatientRequestAppointmentWithSpecificDoctorAdapter
-timeSlots: List<Shift>
-doctorDocumentID: String
-currentUserId: String
#onCreateViewHolder(parent: NonNull ViewGroup, viewType: int): TimeSlotViewHolder
+onBindViewHolder(holder: NonNull TimeSlotViewHolder, position: int): void
+getItemCount(): int
+setShiftsAsAppointments(shifts: List<Shift>): void
TimeSlotViewHolder
-dateTextView: TextView
-timeRangeTextView: TextView
-selectButton: Button
-fstore: FirebaseFirestore
+bind(timeSlot: Shift, doctorDocumentID: String, currentUserId: String): void
-addAppointmentToFirestore(appointment: Map<String, Object>, doctorDocumentID: String, currentUserId: String): void
-returnToPatientRequestAppointmentScreen(): void
PatientPastAppointmentAdapter
-appointments: List<Appointment>
+onCreateViewHolder(parent: NonNull ViewGroup, viewType: int): AppointmentViewHolder
+onBindViewHolder(holder: NonNull AppointmentViewHolder, position: int): void
+getItemCount(): int
+setAppointments(newAppointments: List<Appointment>)
AppointmentViewHolder
-appDateTextView: TextView
-appStartTimeTextView: TextView
-appEndTimeTextView: TextView
-doctorNameTextView: TextView
+bind(appointment: Appointment): void
DoctorAppointmentRequestAdapter
-appointments: List<Appointment>
-listener: OnAppointmentActionListener
-firestore: FirebaseFirestore
+onCreateViewHolder(parent: NonNull ViewGroup, viewType: int): AppointmentViewHolder
+onBindViewHolder(holder: NonNull AppointmentViewHolder, position: int): void
+getItemCount(): int
+setAppointments(newAppointments: List<Appointment>): void
AppointmentViewHolder
-appDateTextView: TextView
-appStartTimeTextView: TextView
-appEndTimeTextView: TextView
-patientNameTextView: TextView
-patientEmailTextView: TextView
-patientPhoneNumberTextView: TextView
-patientHealthCardNumberTextView: TextView
-acceptButton: Button
-denyButton: Button
+bind(appointment: Appointment): void
<<interface>>
OnAppointmentActionListener
onAccept(appointment: Appointment): void
onDeny(appointment: Appointment): void
DoctorAppointmentRequestsActivity
-recyclerView: RecyclerView
-adapter: DoctorAppointmentRequestAdapter
-backButton: Button
-deniedRequestsButton: Button
-db: FirebaseFirestore
-mAuth: FirebaseAuth
#onCreate(savedInstanceState: Bundle): void
-loadAppointmentRequests(): void
-getCurrentuserId(): String
+onAccept(appointment: Appointment): void
+onDeny(appointment: Appointment): void
-moveAppointmentToUpcoming(appointment: Appointment): void
-deleteAppointmentRequest(appointment: Appointment): void
DoctorShiftViewAdapter
-shifts: List<Shift>
-firestore: FirebaseFirestore
-mAuth: FirebaseAuth
+onCreateViewHolder(parent: NonNull ViewGroup, viewType: int): ShiftViewHolder
+onBindViewHolder(holder: NonNull ShiftViewHolder, position: int): void
+getItemCount(): int
+setShifts(newShifts: List<Shift>): void
-deleteShift(shift: Shift): void
+fetchUpdatedShifts(): void
-getCurrentUserId(): String
ShiftViewHolder
-shiftDateTextView: TextView
-shiftStartTimeTextView: TextView
-shiftEndTimeTextView: TextView
+cancelButton: Button
-firestore: FirebaseFirestore
+bind(shift: Shift): void
PatientRegistrationActivity
-firstNameInput: EditText
-lastName: EditText
-emailAddress: EditText
-homeAddress: EditText
-userPassword: EditText
-phoneNumber: EditText
-healthCardNumber: EditText
-submitButton: Button
-backButton: Button
mAuth: FirebaseAuth
pendingFiretore: FirebaseFirestore
+onStart(): void
#onCreate(savedInstanceState: Bundle): void
-validateFields(first: String, last: String, email: String, address: String, password: String, phone: String, healthCard: String): bool
-isValidName(name: String): bool
-isValidEmail(email: String): bool
-isValidPassword(password: String): bool
-isValidPhone(phone: String): bool
-isValidCard(healthCard: String): bool
-isValidAddress(address: String): bool
UserDeniedAdapter
-context: Context
-users: ArrayList<String>
-userIds: ArrayList<String>
-firestore: FirebaseFirestore
+onCreateViewHolder(parent: NonNull ViewGroup, viewType: int): UserAdapter.UserHolder
+onBindViewHolder(holder: NonNull UserAdapter.UserHolder, position: int): void
+getItemCount(): int
-moveUserToCollection(userId: String, collectionName: String): void
UserDeniedHolder
-textName: TextView
-textRole: TextView
-textEHNumber: TextView
-textEmail: TextView
-textPhone: TextView
-textSpec: TextView
-acceptButton: Button
setDetails(user: String, userId: String): void
DoctorPastAppointmentViewAdapter
-appointments: List<Appointment>
+onCreateViewHolder(parent: NonNull ViewGroup, viewType: int): AppointmentViewHolder
+onBindViewHolder(holder: AppointmentViewHolder, position: int): void
+getItemCount(): int
+setAppointments(newAppointments: List<Appointment>): void
AppointmentViewHolder
-appDateTextView: TextView
-appStartTimeTextView: TextView
-appEndTimeTextView: TextView
-patientNameTextView: TextView
-patientEmailTextView: TextView
-patientPhoneNumberTextView: TextView
-patientHealthCardNumberTextView: TextView
-firestore: FirebaseFirestore
+bind(appointment: Appointment): void
DoctorPastAppointmentsActivity
-recyclerView: RecyclerView
-adapter: DoctorPastAppointmentViewAdapter
-backButton: Button
-db: FirebaseFirestore
-mAuth: FirebaseAuth
#onCreate(savedInstanceState: Bundle): void
-loadPastAppointments: void
-getCurrentUserId: String
DoctorUpcomingShiftsActivity
-recyclerView: RecyclerView
-adapter: DoctorShiftViewAdapter
-backButton: Button
-db: FirebaseFirestore
-mAuth: FirebaseAuth
#onCreate(savedInstanceState: Bundle): void
-loadUpcomingAppointments(): void
-getCurrentUserId(): String