

VaxiTrack - Immunization Planner & Tracker

Complete Project Structure

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final-project-group-ae/
|
+-- app/
|   +-- src/
|   |   +-- main/
|   |   |   +-- java/com/finalprojectgroupae/immunization/
|   |   |   |   +-- MainActivity.java           ✓ EXISTS
|   |   |   |   +-- LoginActivity.java         ✓ EXISTS
|   |   |   |   +-- SignUpActivity.java       ✓ EXISTS
|   |   |   |
|   |   |   +-- data/                      [DATA LAYER]
|   |   |   |   +-- local/                  [Local Database]
|   |   |   |   |   +-- AppDatabase.java     △ TO CREATE
|   |   |   |   |   +-- dao/
|   |   |   |   |   |   +-- PatientDao.java    △ TO CREATE
|   |   |   |   |   |   +-- ImmunizationDao.java  △ TO CREATE
|   |   |   |   |   |   +-- AppointmentDao.java  △ TO CREATE
|   |   |   |   |   |   +-- CarePlanDao.java    △ TO CREATE
|   |   |   |   |   |   +-- CommunicationDao.java  △ TO CREATE
|   |   |   |   |   +-- entities/
|   |   |   |   |   |   +-- PatientEntity.java  △ TO CREATE
|   |   |   |   |   |   +-- ImmunizationEntity.java  △ TO CREATE
|   |   |   |   |   |   +-- AppointmentEntity.java  △ TO CREATE
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| | | | |   └─ CarePlanEntity.java    ⚠ TO CREATE
| | | | |       └─ CommunicationEntity.java ⚠ TO CREATE
| | | | |
| | | | |   └─ remote/           [FHIR API]
| | | | |       └─ Fhir ApiService.java    ⚠ TO CREATE
| | | | |       └─ RetrofitClient.java    ⚠ TO CREATE
| | | | |   └─ dto/
| | | | |       └─ PatientDto.java    ⚠ TO CREATE
| | | | |       └─ ImmunizationDto.java ⚠ TO CREATE
| | | | |       └─ AppointmentDto.java  ⚠ TO CREATE
| | | | |       └─ CarePlanDto.java    ⚠ TO CREATE
| | | | |       └─ CommunicationDto.java ⚠ TO CREATE
| | | | |
| | | | |   └─ repository/        [Repository Pattern]
| | | | |       └─ PatientRepository.java ⚠ TO CREATE
| | | | |       └─ ImmunizationRepository.java ⚠ TO CREATE
| | | | |       └─ AppointmentRepository.java ⚠ TO CREATE
| | | | |       └─ CarePlanRepository.java ⚠ TO CREATE
| | | | |       └─ CommunicationRepository.java ⚠ TO CREATE
| | | | |
| | | | |   └─ model/            [Domain Models]
| | | | |       └─ Child.java      ✓ EXISTS
| | | | |       └─ Appointment.java ✓ EXISTS
| | | | |       └─ Reminder.java   ✓ EXISTS
| | | | |       └─ DashboardStat.java ✓ EXISTS
| | | | |       └─ Patient.java    ⚠ TO CREATE
| | | | |       └─ Immunization.java ⚠ TO CREATE
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| | | | | |    Vaccine.java      △ TO CREATE
| | | | | |    VaccineSchedule.java   △ TO CREATE
| | | | | |    Guardian.java       △ TO CREATE
| | | | |
| | | | | |    AuthManager.java     ✓ EXISTS
| | | | | |    DemoDataProvider.java ✓ EXISTS
| | | | |
| | | | | |    ui/                  [UI LAYER]
| | | | | |    fragments/
| | | | | |    HomeFragment.java    ✓ EXISTS
| | | | | |    ChildDetailFragment.java ✓ EXISTS
| | | | | |    ScheduleFragment.java ✓ EXISTS
| | | | | |    RemindersFragment.java ✓ EXISTS
| | | | | |    DashboardFragment.java ✓ EXISTS
| | | | | |    RegisterChildFragment.java △ TO CREATE
| | | | | |    VaccinationRecordFragment.java △ TO CREATE
| | | | | |    ReportsFragment.java   △ TO CREATE
| | | | |
| | | | | |    adapters/
| | | | | |    ChildRosterAdapter.java ✓ EXISTS
| | | | | |    AppointmentAdapter.java ✓ EXISTS
| | | | | |    ReminderAdapter.java   ✓ EXISTS
| | | | | |    VaccinationAdapter.java △ TO CREATE
| | | | | |    TimelineAdapter.java   △ TO CREATE
| | | | |
| | | | | |    viewmodel/
| | | | | |    HomeViewModel.java    △ TO CREATE
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| | | | |    └─ ChildDetailViewModel.java  ⚠ TO CREATE
| | | | |    └─ ScheduleViewModel.java    ⚠ TO CREATE
| | | | |    └─ ReminderViewModel.java   ⚠ TO CREATE
| | | | |    └─ DashboardViewModel.java ⚠ TO CREATE
| | | | |
| | | | |    └─ services/                  [BACKGROUND SERVICES]
| | | | |    └─ notification/
| | | | |    └─ NotificationService.java ⚠ TO CREATE
| | | | |    └─ ReminderScheduler.java   ⚠ TO CREATE
| | | | |    └─ NotificationHelper.java ⚠ TO CREATE
| | | | |    └─ sync/
| | | | |    └─ SyncService.java        ⚠ TO CREATE
| | | | |    └─ SyncAdapter.java       ⚠ TO CREATE
| | | | |    └─ sms/
| | | | |    └─ SmsService.java        ⚠ TO CREATE
| | | | |
| | | | |    └─ utils/                  [UTILITIES]
| | | | |    └─ DateUtils.java         ⚠ TO CREATE
| | | | |    └─ NetworkUtils.java     ⚠ TO CREATE
| | | | |    └─ Constants.java       ⚠ TO CREATE
| | | | |    └─ VaccineScheduleGenerator.java ⚠ TO CREATE
| | | | |    └─ DuplicateDetector.java ⚠ TO CREATE
| | | | |    └─ FhirMapper.java       ⚠ TO CREATE
| | | | |
| | | | |    └─ receivers/            [BROADCAST RECEIVERS]
| | | | |    └─ BootReceiver.java    ⚠ TO CREATE
| | | | |    └─ AlarmReceiver.java   ⚠ TO CREATE
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| | | | └─ NetworkChangeReceiver.java     ⚠ TO CREATE  
| | | |  
| | | └─ res/                      [RESOURCES]  
| | | |   └─ layout/             ✓ EXISTS (All current layouts)  
| | | |     └─ activity_login.xml  
| | | |     └─ activity_main.xml  
| | | |     └─ activity_sign_up.xml  
| | | |     └─ fragment_home.xml  
| | | |     └─ fragment_child_detail.xml  
| | | |     └─ fragment_schedule.xml  
| | | |     └─ fragment_reminders.xml  
| | | |     └─ fragment_dashboard.xml  
| | | |     └─ fragment_register_child.xml     ⚠ TO CREATE  
| | | |     └─ fragment_vaccination_record.xml  ⚠ TO CREATE  
| | | |     └─ dialog_vaccine_details.xml     ⚠ TO CREATE  
| | | | └─ bottom_sheet_filter.xml     ⚠ TO CREATE  
| | | |  
| | | └─ drawable/          ✓ EXISTS (Icons & Illustrations)  
| | | └─ values/            ✓ EXISTS (Strings, Colors, Themes)  
| | | └─ menu/              ✓ EXISTS  
| | | └─ xml/  
| | | | └─ network_security_config.xml     ⚠ TO CREATE  
| | | | └─ file_paths.xml      ⚠ TO CREATE  
| | | └─ raw/  
| | |   └─ vaccine_schedule.json     ⚠ TO CREATE  
| | |  
| | └─ AndroidManifest.xml      ✓ EXISTS (Needs updates)  
| |
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| | | └── test/ [UNIT TESTS]
| | |   └── java/com/finalprojectgroupae/immunization/
| | |     └── data/
| | |       └── repository/
| | |         └── PatientRepositoryTest.java    ⚁ TO CREATE
| | |         └── AuthManagerTest.java        ⚁ TO CREATE
| | |     └── utils/
| | |       └── VaccineScheduleGeneratorTest.java ⚁ TO CREATE
| | |     └── DateUtilsTest.java      ⚁ TO CREATE
| | |   └── viewmodel/
| | |     └── HomeViewModelTest.java    ⚁ TO CREATE
| | |
| | └── androidTest/ [INSTRUMENTED TESTS]
| |   └── java/com/finalprojectgroupae/immunization/
| |     └── ui/
| |       └── LoginActivityTest.java    ⚁ TO CREATE
| |       └── MainActivityTest.java    ⚁ TO CREATE
| |     └── database/
| |       └── DatabaseTest.java      ⚁ TO CREATE
| |
| └── build.gradle      ✓ EXISTS (Needs dependency updates)
| └── proguard-rules.pro    ✓ EXISTS
|
└── docs/ [DOCUMENTATION]
  └── SRS.md            ✓ EXISTS
  └── API_DOCUMENTATION.md    ⚁ TO CREATE
  └── USER_GUIDE.md        ⚁ TO CREATE
  └── TESTING_GUIDE.md    ⚁ TO CREATE
```

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|   └── diagrams/
|       ├── use_case.png           ✓ EXISTS (Referenced in SRS)
|       ├── class_diagram.png      ✓ EXISTS (Referenced in SRS)
|       └── dfd_diagrams.png       ✓ EXISTS (Referenced in SRS)
|
|   └── README.md                 ✓ EXISTS
|
└── build.gradle                ✓ EXISTS
└── settings.gradle             ✓ EXISTS
└── gradle.properties            ✓ EXISTS
└── .gitignore                   ✓ EXISTS
└── LICENSE                      △ TO CREATE (Optional)
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