

VaxiTrack - Immunization Planner & Tracker

Complete Project Structure

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final-project-group-ae/

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| └─ 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]
| | | | | | └─ FhirApiService.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) |
| | ... | |