```
lib/
                            # Konfigurasi tingkat aplikasi
     app/
                              # Material App setup
         app.dart
                               # Generated router
        - router.gr.dart
         router.dart
                              # Router setup (AutoRoute)
        · di.config.dart
                               # Generated dependency injection
        · di.dart
                             # Dependency Injection setup (GetIt)
                                  # App lifecycle handling
         app lifecycle.dart
        - locator.dart
                               # Service locator
                            # Komponen inti aplikasi
     - core/
                              # Konfigurasi
        - config/
            - env config.dart
                                  # Environment configuration
            app config.dart
                                  # App configuration
            - build config.dart
                                   # Build variants config
         theme/
                              # Theming
            app theme.dart
                                   # Theme configuration
            colors.dart
                                # Color palette
            typography.dart
                                  # Text styles
                                   # Spacing and sizing constants
            dimensions.dart
            decorations.dart
                                  # Common decorations (box shadows, etc)
                               # Networking
         network/
            - api client.dart
                                 # Base API client
            interceptors/
                                # Dio interceptors
               - auth interceptor.dart # Token handling
               - error interceptor.dart # Error handling

    logger interceptor.dart # Request/response logging

                                # Network exceptions
            exceptions/
               - api exception.dart
                                       # Base API exception
                connection exception.dart # Connection issues
               - timeout exception.dart # Timeout handling
            response/
                                # Response wrappers
                                     # API response wrapper
               api response.dart
              - resource.dart
                                   # Resource state handler
              - paginated response.dart # Pagination handling
                              # Local storage
         storage/
            secure storage.dart
                                   # Secure storage service
            local storage.dart
                                   # Common storage service
            - hive service.dart
                                  # Hive database service
            cache manager.dart
                                     # Cache management
                            # Utilities
         utils/
                                # Extension methods
            extensions/
               - string extensions.dart # String utilities
               - date extensions.dart # Date utilities
               - context extensions.dart # BuildContext utilities
            formatters/
                                # Formatters
                currency formatter.dart # Currency formatting
                date formatter.dart # Date formatting
```

```
- input formatters.dart # Text input formatters
                       # Validators
   validators/
      - input validators.dart # Form input validation
       credit card validator.dart # Payment validation
   · logger.dart
                       # Logging utility
    device info.dart
                         # Device information
   connectivity.dart
                         # Network connectivity
analytics/
                     # Analytics
    analytics service.dart # Analytics interface
   firebase analytics.dart # Firebase implementation
                      # Analytics events
      app events.dart
                         # App lifecycle events
      product events.dart # Product interaction events
     - order events.dart # Order events
                      # Navigation
navigation/
   - route observer.dart
                           # Route observer for analytics

    navigation service.dart # Navigation service

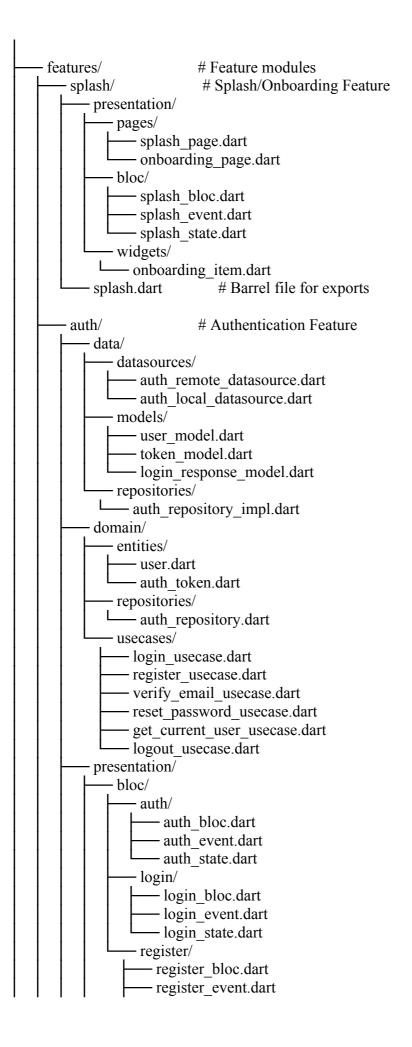
permissions/
                       # Permissions
   permission handler.dart # Permission handling
   permission rationale.dart # User permission guidance
                    # Error handling
- errors/
   error handler.dart
                          # Global error handler
   crash reporting.dart # Crash reporting service
   - app exceptions.dart # Application exceptions
widgets/
                     # Shared widgets
  buttons/
                     # Button components
      primary_button.dart # Primary button
     - secondary_button.dart # Secondary button
    — icon button.dart
                         # Icon button
 - inputs/
                    # Input components
                        # Text input
   — text input.dart
     search input.dart # Search input
    - dropdown.dart
                         # Dropdown input
                    # Card components
  cards/
     - base_card.dart
                         # Base card styles
     - info card.dart
                        # Information card
  - loaders/
                     # Loading components
                         # Main loader
     - app loader.dart

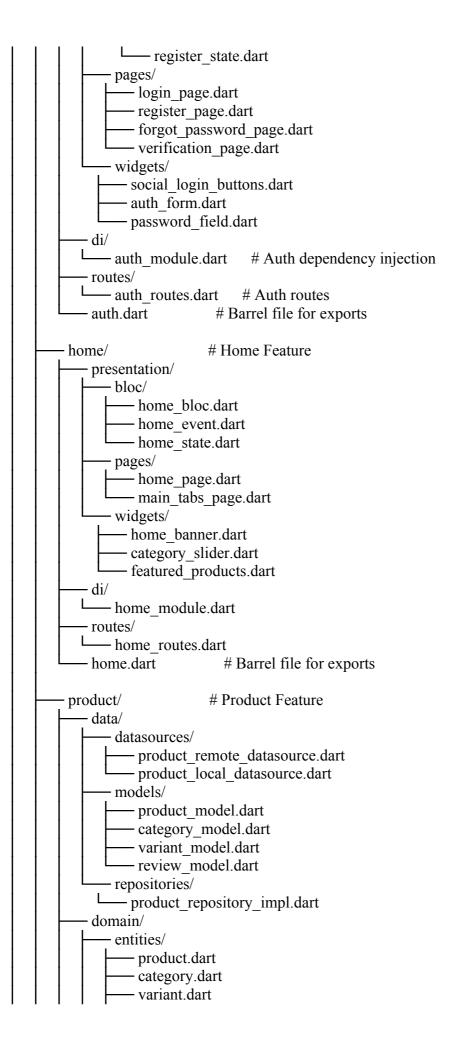
    skeleton loader.dart # Skeleton loading

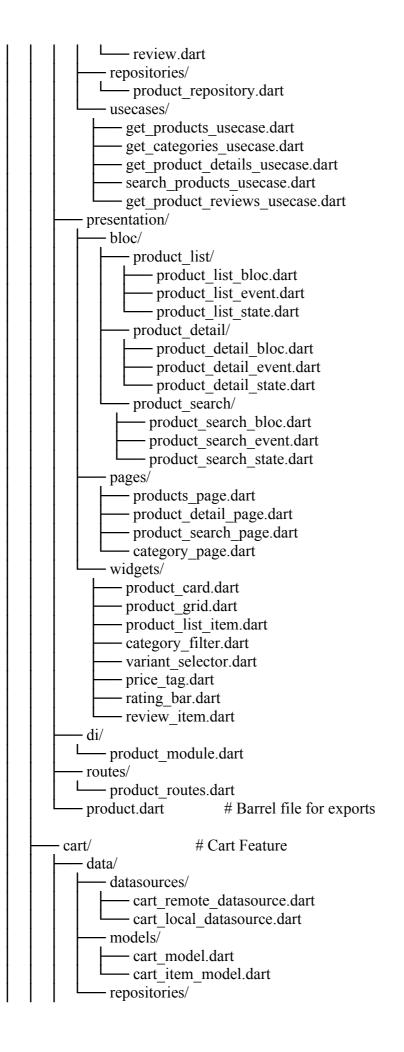
                     # Dialog components
  - dialogs/

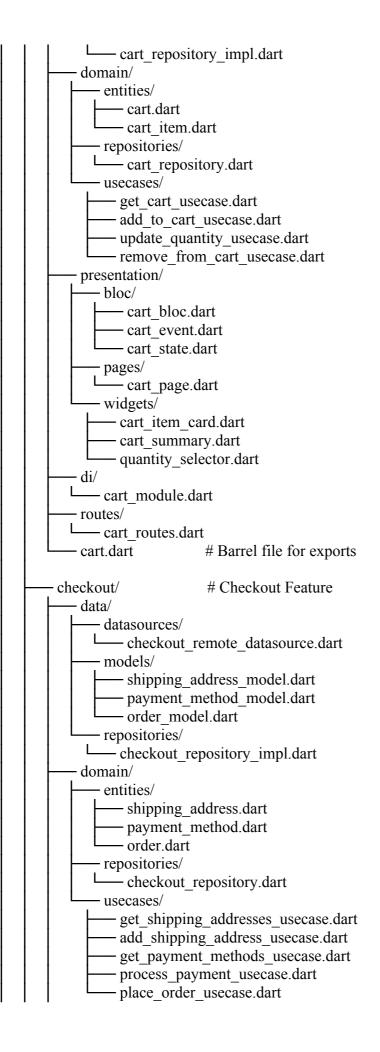
alert dialog.dart # Alert dialog

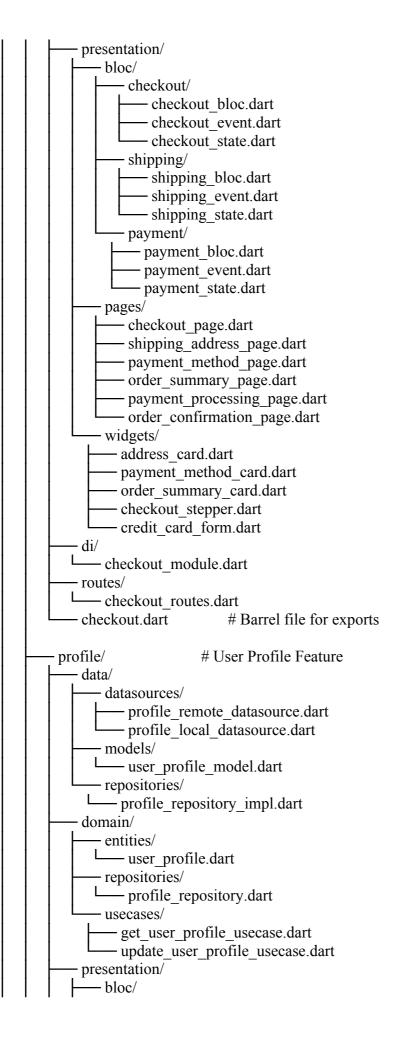
     - confirm dialog.dart # Confirmation dialog
     - bottom sheet.dart # Bottom sheet
  - empty states/
                       # Empty state components
    - empty list.dart
                       # Empty list state
    - error state.dart # Error state
     no connection.dart # No connection state
```

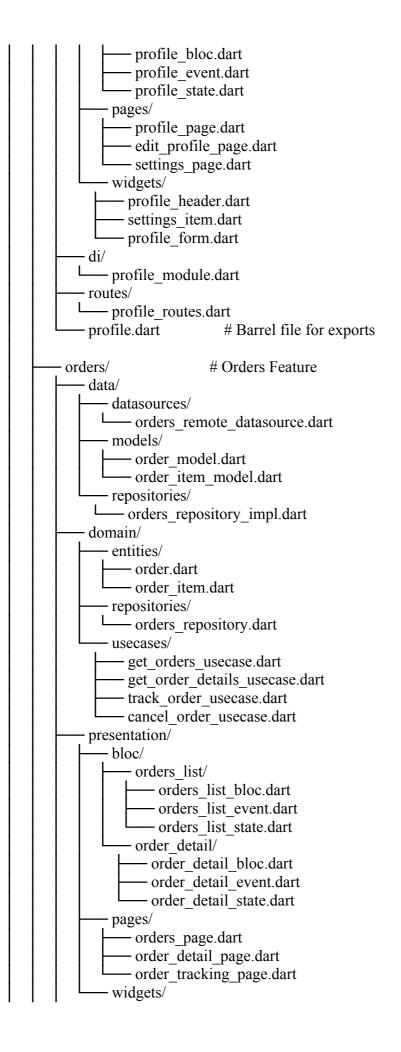


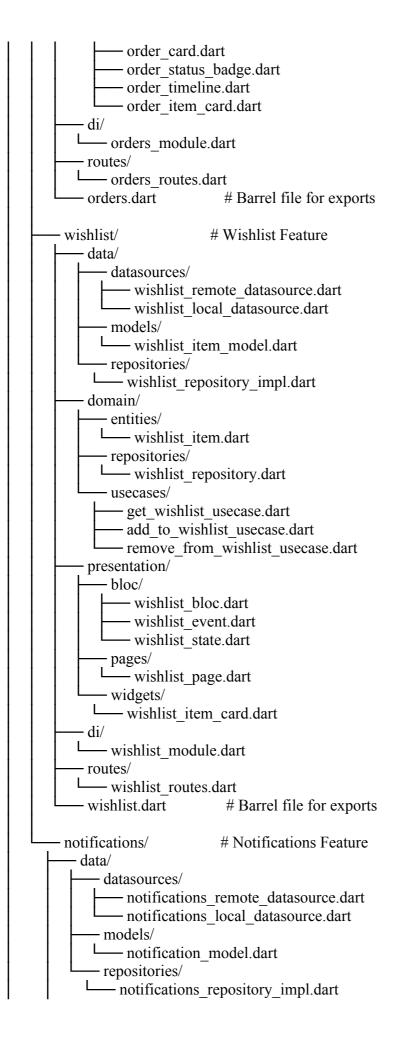












```
- domain/
        - entities/
        — notification.dart
        - repositories/
        notifications_repository.dart
        usecases/
          - get notifications usecase.dart
          - mark_as_read_usecase.dart
         — register device token usecase.dart
      presentation/
        - bloc/
           - notifications bloc.dart
            - notifications event.dart
         — notifications_state.dart
        - pages/
        notifications_page.dart
        widgets/
           - notification item.dart

    notification badge.dart

     - di/
    — notifications_module.dart
    - routes/
    — notifications routes.dart

    notifications.dart

                             # Barrel file for exports
                         # Shared modules across features
shared/
  - models/
                          # Shared models
      - base model.dart
                               # Base model with common fields
      - pagination.dart
                              # Pagination model
      - api error.dart
                             # API error model
   enums/
                          # Shared enumerations
       order status.dart
                              # Order status enum
       payment_status.dart
                                # Payment status enum
     product status.dart
                               # Product status enum
                           # Shared constants
   constants/
                               # API endpoints
      - api constants.dart
      - storage constants.dart
                                # Storage keys
     - route constants.dart
                                # Route names
                          # Shared mixins
   mixins/
      - form validation mixin.dart # Form validation mixin
      error handling mixin.dart # Error handling mixin
                        # Shared utilities
  - utils/
    — date utils.dart
                            # Date helpers
    - string utils.dart
                            # String helpers
    - currency utils.dart
                              # Currency helpers
main.dart
                          # Entry point
```