Family Map
Activity Life Cycle
Starting A New Activity

Intent intent = new Intent(this, DisplayMessageActivity.class);
EditText editText = (EditText) findViewById(R.id.edit_message);
String message = editText.getText().toString();
intent.putExtra(EXTRA_MESSAGE, message);
startActivity(intent);
Login Activity

Login Fragment
Map Fragment
Map Activity

Map Fragment
Person Activity

Family Map: Person Details

Sidney
FIRST NAME

Simien
LAST NAME

Male
GENDER

LIFE EVENTS

birth: San José, Costa Rica (1782)
Sidney Simien

christening: Faisalabad, Pakistan (1792)
Sidney Simien

baptism: São Paulo, Brazil (1792)
Sidney Simien

census: Moscow, Russia (1804)
Sidney Simien

death: Sacramento, United States (1814)
Sidney Simien

FAMILY

Valentin Maus
Father

Jolynn Lisenby
Mother
Settings Activity

- Life Story Lines: Show Life Story Lines
  - Color: Green
  - Status: On

- Family Tree Lines: Show Tree Lines
  - Color: Blue
  - Status: Off

- Spouse Lines: Show Spouse Lines
  - Color: Red
  - Status: On

- Map Type: Background Display On Map
  - Type: Normal

- Re-sync Data: From FamilyMap Service

- Logout: Returns to Login Screen
Filter Activity
Search Activity

Family Map: Search

Leola Emory
Thanh Durrell
Aurora Mcpheeters
Valentin Maus

baptism: Saint John, Canada (1600)
Leola Emory

death: Sacramento, United States (1814)
Sidney Simien

baptism: Port Louis, Mauritius (1564)
Thanh Durrell

christening: Santiago de Cali, Colombia (1598)
Leola Emory

marriage: Dublin, Ireland (1796)
Clifford Lisenby

christening: Antananarivo, Madagascar (1792)
Clifford Lisenby
Login Events

• “Sign In” button pressed
  – Success
    • Load’s User Information
    • Show map fragment
      – Show content based on current settings and filters
        » Person-Events
        » PolyLines
    – Search button pressed – go to Search Activity
    – Filters button pressed – go to Filter Activity
    – Settings button pressed – go to Setting Activity
    – Select Event
      » Show details below
    – Event Information Display is clicked – go to Person Activity
  – Failure
    • Show Toast
    • Clear entered data
Map Events

• Show content based on current settings and filters
  – Person-Events
  – PolyLines
• Previous button pressed go to parent activity
• Press Go to Top button – Go to main activity (map)
• Select Event
  – Show details below
• Event Information Display is clicked – go to Person Activity
• Event being viewed is centered
Person Activity

• Go To Top Button pressed
• Click on Person – go to Person Activity
• Click on Event – go to Map Activity
• Click on Up button – go to parent activity
Settings Activity

- Toggle Life Story Lines – record state
- Toggle Family Tree Lines – record state
- Toggle Spouse Lines – record state
- Select Life Story Color – record
- Select Family Tree Color – record
- Select Spouse Lines Color – record
- Select Map type – record state
- Up Button – return to Login Activity, Map Fragment
- Re-synch Data
  - Reload data from family map service
    - If successful go to Login Activity, Map Fragment
    - Show Toast if it fails
- Logout – go to Login Activity, Login Fragment
Filter Activity Event

- Toggle Baptism Events
- Toggle Birth Events
- Toggle Census Events
- Toggle Christening Events
- Toggle Death Events
- Toggle Marriage Events
- Toggle Father’s Side
- Toggle Mother’s Side
- Toggle Male Events
- Toggle Female Events
- Up Button – return to Login Activity, Map Fragment
Search Activity Events

• Search Event – List all selected people and events
• Person Selected – go to new Person Activity
• Event Selected – go to new map activity
• Up Button Pressed – return to Login Activity, Map Fragment
PolyLines

GoogleMap map;
// ... get a map.

// Add a thin red line from London to New York.
Polyline line = map.addPolyline(
    new PolylineOptions().
    add(new LatLng(51.5, -0.1),
        new LatLng(40.7, -74.0)
    ).
    strokeWidth(5). //width(5)
    visible(true).
    strokeColor(Color.RED)); //color(Color.RED));
PolyLine Cont.

- setVisible(boolean)
- boolean isVisible()