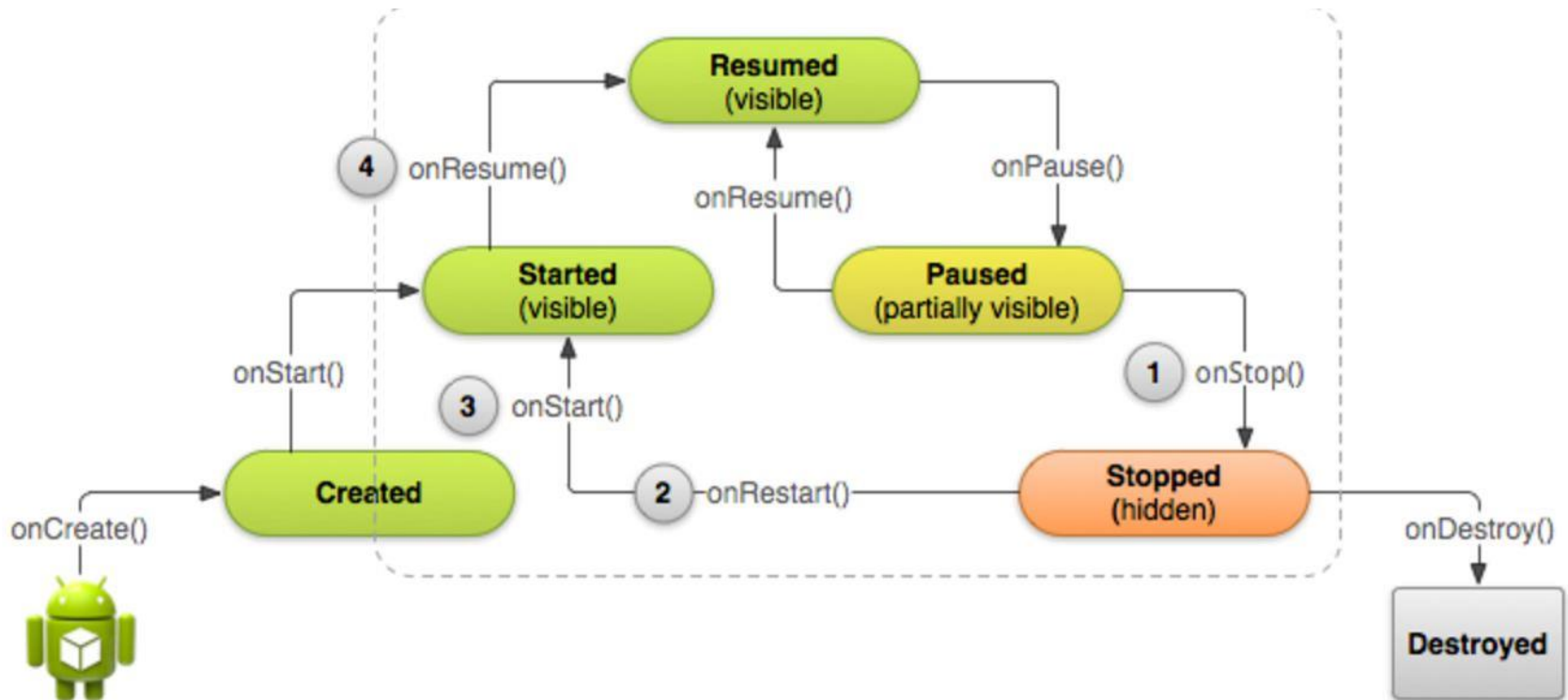


Family Map

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

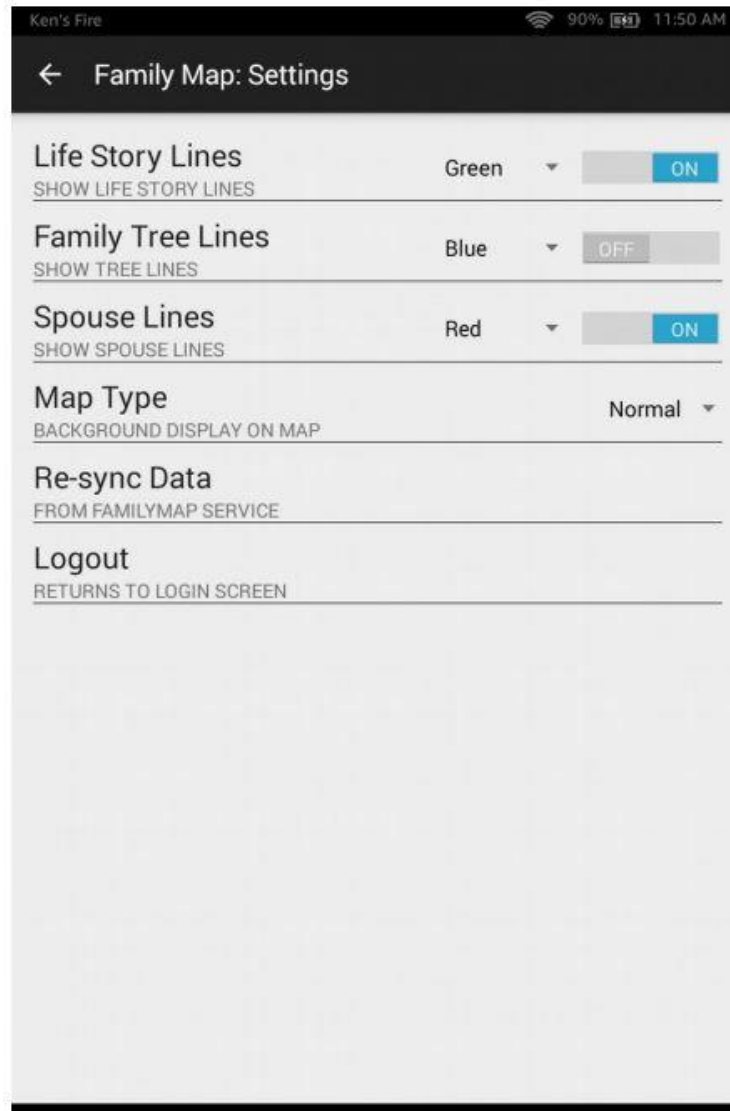
Map Fragment



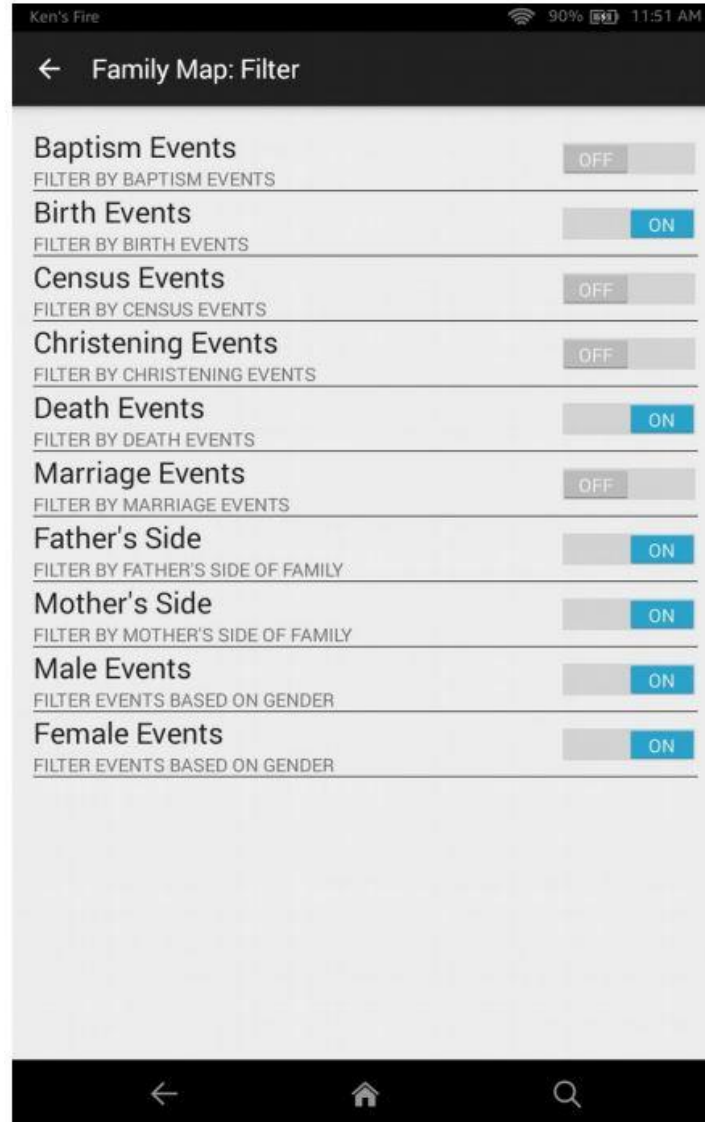
Person Activity



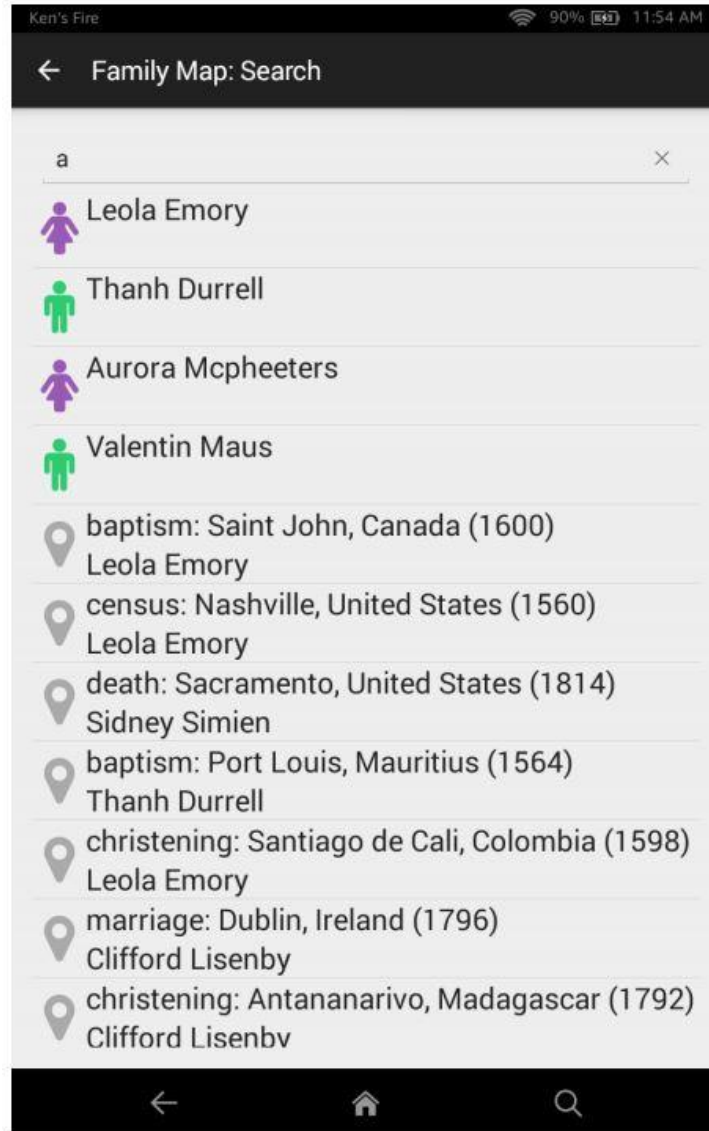
Settings Activity



Filter Activity



Search Activity



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()`