Project Name: Countries and International Affairs

1. **Schemas(before normalize)**
   1. Countries(countryCode, CountryNumber, name, region, subregion, capital, factbookCode, generalInfo, climate, govType, economy)
   2. Borders(countryCode, borderingCountryCode)
   3. LanguagesSpoken(countryCode, language, percentPop)
   4. WorldBankStats(countryCode, statType, year2005, year2006, year2007, year2008, year2009, year2010, year2011, year2012, year2013, year2014)
   5. Leaders(name, type, termStart, termEnd)
   6. LeaderOf(countryCode, leaderName)
   7. Conflicts(conflictId, location, start, end)
   8. ConflictParties(conflictId, partyName, side, isCountry)
   9. TradesWith(countryCode, partnerCountryCode, type, total)
   10. Treaties(treatyNumber, name, dateEnforced, description, wikipage)
   11. TreatyParties(treatyNumber, treatyNumber)
   12. Migrations(destCountry, origCountry, inYear, totalAmount)
2. **Schemas(after normalize)**
   1. Countries(countryCode, CountryNumber, name, subregion, capital, factbookCode, generalInfo, climate, govType, economy)
   2. Borders(countryCode, borderingCountryCode)
   3. LanguagesSpoken(countryCode, language, percentPop)
   4. WorldBankStats(countryCode, statType, year2005, year2006, year2007, year2008, year2009, year2010, year2011, year2012, year2013, year2014)
   5. Leaders(name, type, termStart, termEnd)
   6. LeaderOf(countryCode, leaderName)
   7. Conflicts(conflictId, location, start, end)
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   12. Migrations(destCountry, origCountry, inYear, totalAmount)
   13. Regions(subRegion, region)

We found BCNF violation in Countries, so we broke it to two realtions.

The Functional Dependencies are listed in a separate document.