

## Databases Group 05: Phase 3

### Final Relational Schema

```
-- InvestmentCompany Table
CREATE TABLE IF NOT EXISTS Investment_Company (
    Company_id REAL,
    Investor TEXT,
    SOE INTEGER,
    PRIMARY KEY(Company_id));

-- Project Table
CREATE TABLE IF NOT EXISTS Project (
    Project_id REAL,
    Country TEXT,
    Year_of_Commission DATE,
    Purpose TEXT,
    Geolocation TEXT,
    Sector TEXT,
    Region TEXT,
    PRIMARY KEY(Project_id));

-- Survey Table
CREATE TABLE IF NOT EXISTS Survey (
    id REAL,
    Respondent TEXT,
    Answer BOOL,
    Date DATE,
    PRIMARY KEY(id));

-- Invest_In Table
CREATE TABLE IF NOT EXISTS Invest_In (
    Company_id REAL,
    Project_id REAL,
    Amount INT,
    Date DATE,
    PRIMARY KEY(Project_id),
    FOREIGN KEY(Company_id) REFERENCES InvestmentCompany,
    FOREIGN KEY(Project_id) REFERENCES Project);

-- Is_About Table
CREATE TABLE IF NOT EXISTS Is_About (
    Project_id REAL,
    id INT,
```

```
PRIMARY KEY(Project_id, id),  
FOREIGN KEY(Project_id) REFERENCES Project,  
FOREIGN KEY(id) REFERENCES Survey);
```

### List of Open Questions

1. How does Professor Ratigan suggest to merge and prioritize the different datasets that have different information?
2. What does Professor Ratigan want to see within the user interface? How does she want to interact with the data?
3. How can we replace the placeholder survey data with the actual results? Or at least teach her how to do it?