Entity-Relationship diagram (hand-drawn):

- **Sector** entity with attributes: Name, Projected Growth
- **Industry** entity with attributes: Name, Market Size
- Relationship "is part of" (1) between Sector and Industry
- "belongs to" relationships
- **Start Up** entity with attributes: Name, Address
- Relationship "is part of a" between Start Up and Sector
- **Private** entity with attributes: Website, CEO — "is a" Start Up
- **Stealth** entity with attribute: Buzz Factor — "is a" Start Up, "is targeting for acquisition"
- **VC** entity with attributes: Name, Number, Size, [scribbled], Closing Date
- Relationship "Invests In" between Start Up and VC
- Relationship "finances" (1) between Stealth and VC

1) Investments(VC.Name, VC.Number, Sector.Name, StartUp.Name)

2) Stealth Financiers (VC.Name, Stealth.Name) //At most 1 VC to sector

3) TargetsForAcquisition (Stealth.Name, Private.Name)

4) PrivateSectors (Private.Name, Sector.Name) //Each PrivateStartUP has exactly 1 sector

5) StartUP-Industry (StartUP.name, Sector.Name)

6) StartUpSectors (StartUp.Name, Sector.Name) //StartUps can be part of multiple sectors

7) SectorIndustry (Sector.Name, Industry.Name) //has some redundant info as (4)

Functional Dependency Key
#) Schema (A, B, C, D)

ABD → C

1) ABD → C

2) B → A

3) No FD

4) A → B

5) A → B

6) No FD

7) A → B