***Team#\_1***

**Team members:**

1. Esraa Hussien Ibrahim El Saadawy sec. 3
2. Amr Ayman Mokhtar sec. 12
3. Ghada Magdy Mohammed Ahmed sec. 12
4. Mohammed Waleed Ismaiel sec. 15
5. Mustafa Zaki Said Ahmed sec. 17

***Assumptions:***

1. Each program is sponsored by zero or more advertisement and each advertisement sponsor zero or more program by specific profit.
2. Each program can be broadcasted by one or more channel and each channel can broadcast one or more program scheduled by date and time.
3. Each Talk show program is held in one studio only and each studio can hold many Talk show programs.
4. One employee can work at many channels and each channel can have many employees working at it.
5. Each channel must have one and only one manager and each manager manages one channel only.
6. One manager manages many employees.
7. Bundles contain free channels’ bundle and paid channels’ bundles.
8. Each subscriber is automatically assigned to free channels’ bundle.
9. Each subscriber can choose one or more bundle from the paid bundles.
10. Each bundle is subscribed by zero or more subscriber.
11. Each bundle contains one or more channel and each channel must be included in at least one bundle.