**Estimation**

* **Assumptions**
  + Meet the deadlines of the project.
  + Having enough budget and resources.
  + Have several offer providers to include their offers in the app.
  + Marketing the app perfectly
  + The app is tested well before the release.
  + The project sponsor keeps sponsoring the project till the end.
* **Cost & Time Estimation**

| Item | No. Employees | Hours | Cost per hour | Cost |
| --- | --- | --- | --- | --- |
| initiation | 2 | 80 | 100 EGP | 8000 |
| define scope | 2 | 20 | 80 EGP | 1600 |
| build team | 5 | 200 | 90 EGP | 18000 |
| team charter and WBS | 2 | 72 | 90 EGP | 6480 |
| risk management | 3 | 25 | 80 EGP | 2000 |
| planning the backend of the app | 8 | 50 | 120 EGP | 6000 |
| planning the frontend of the app | 6 | 60 | 130 EGP | 7800 |
| execute the backend | 8 | 120 | 120 EGP | 14400 |
| execute the frontend | 6 | 100 | 130 EGP | 13000 |
| Testing | 3 | 72 | 100 EGP | 7200 |
| Integration | 5 | 70 | 100 EGP | 7000 |

**Total time of the project = 869 hour**

**Total cost of the project = 91480**