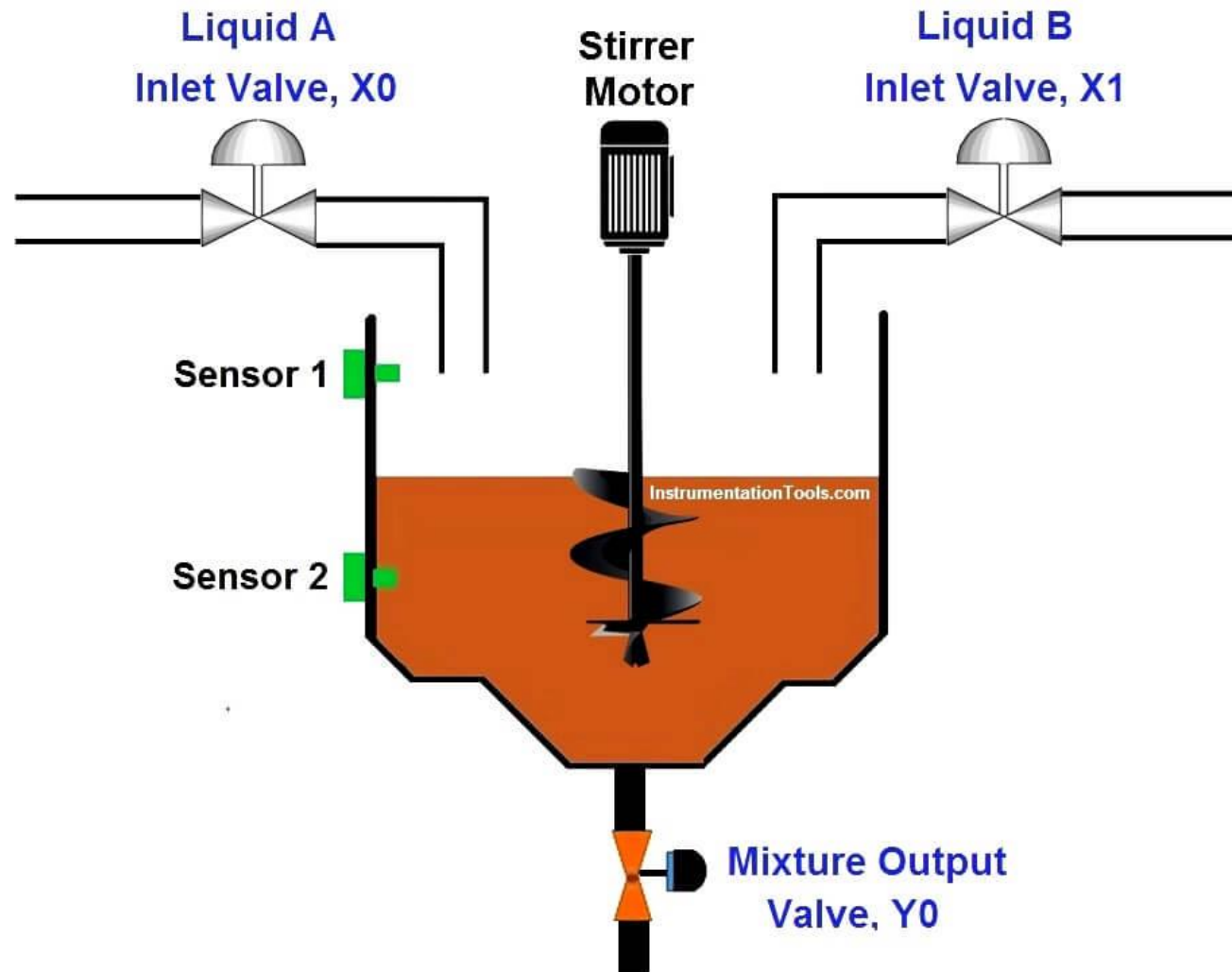# Mixer project

Team work:

- ❑ - Omar El-sayed
- ❑ - Aly Mahmoud
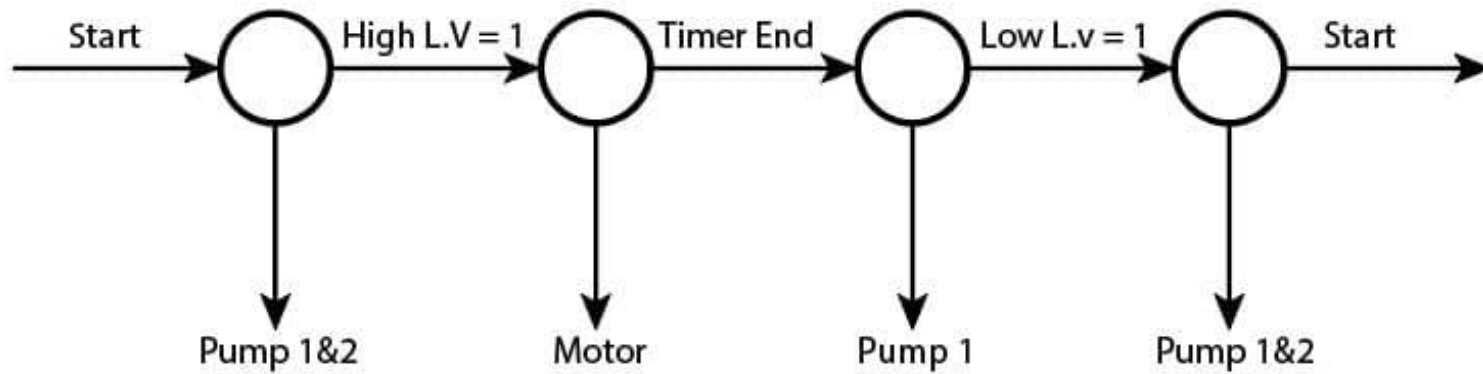- ❑ - Kareem Sobhy
- ❑ - Fatima Gamal
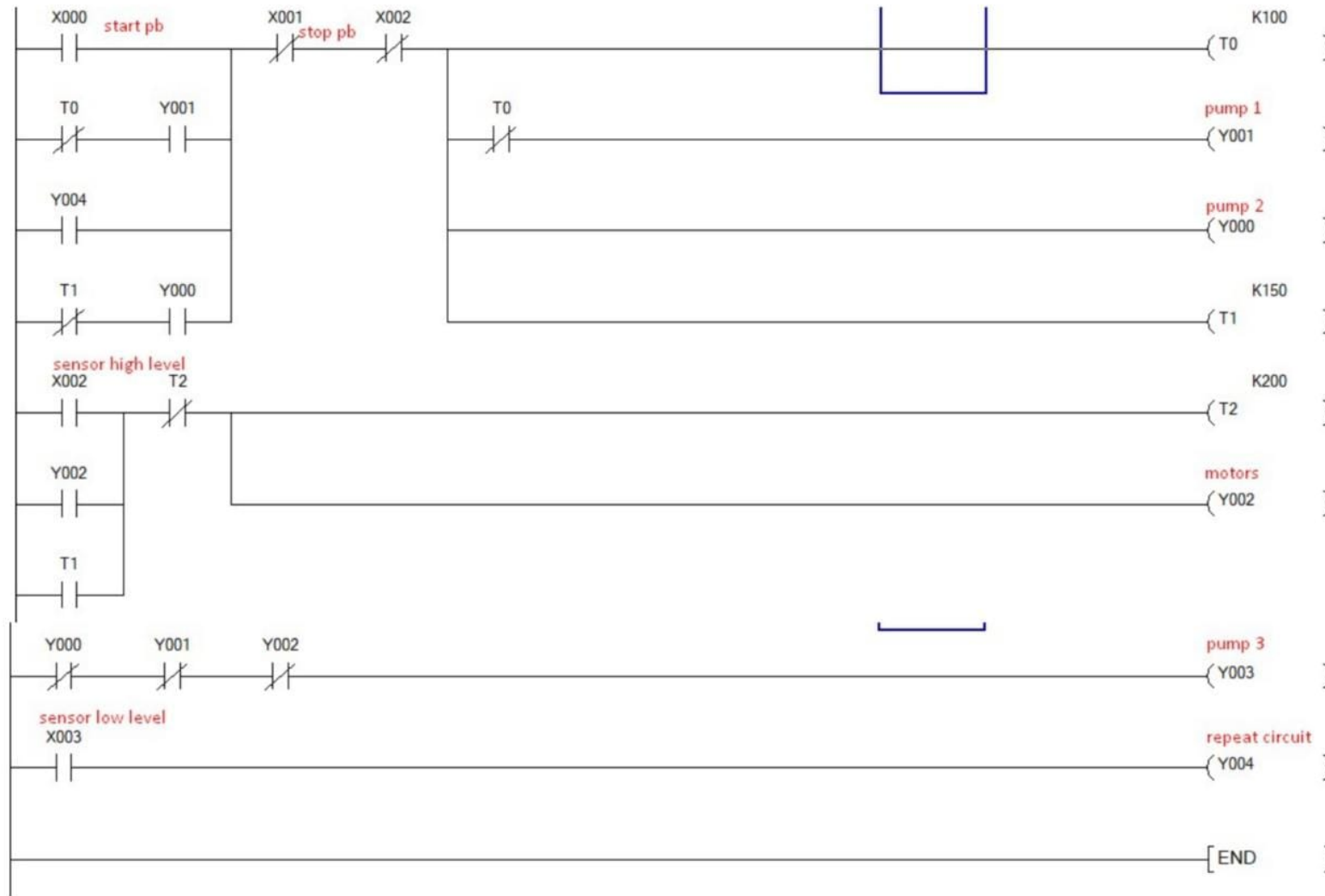- ❑ - Mohamed Saad

Imagine the project design

Way of work:

▶ We have machine that pumps two different liquids into the tank In different quantities,

▶ until the high level sensor senses the liquid reaching the specified height,

▶ Then the pumps stop working , and then the mixer works for a period of time.

▶ and then the mixer stops, then pumps the ready liquid from the first tank to the second tank.

Sequence of project:

Ladder diagram

Video during work:

Components used:

- Adapter with a variable value.

- Adapter 5 volt.

- 4 relay 24 volt dc.

- 2 level sensor.

- 3 bumps 12v.

- 3 tanks.

- ## Under supervision:

- D/ Amir yassin
- Eng/ Emad wahba
- Eng/ Ahmed tareq
- Eng/ Mostafa el-hagry