

## *Planning*

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*Will make evaluation report .*

*Mickanica will design the robot.*

*Electronics will choose prober engine and wire.*

*Ai will choose the sensors and program it.*

*Iot Will make assistant IBM Watson and use python.*

*Distribute tasks*

<i>Mickanica</i>	Will design a robot by using any program and then will choose the material after that will use 3d printer to make first prototype and assess it if need any change will make other one until make the best one
<i>Electronics</i>	Will install motors and wires in robot and will decide initial point for all motors and program moves for arm robot
<i>Ai</i>	Building a model for the Arabic conversation system suitable for the evaluation bot and install Raspberry Pi and camera
<i>Iot</i>	Will make assistant IBM Watson. Use python language in IBM Watson to convert speech to text & text to speech. Merge speech to text, Watson assistant and text to speech in python language Reduce the delays (means fast response) between the previous services.

<i>Timeline</i>				
<i>Mickanica</i>	Will design a robot by using any program (2d)	choose the material (1d)	will use 3d printer to make first prototype (2d)	assess it if need any change will make other one until make the best one (2d)
<i>Electronics</i>	install motors and (2d)	decide initial point for all motors and program moves for arm robot (2d)		
<i>Ai</i>	install Raspberry Pi and camera (1d)	Building a model for the Arabic conversation system (2d)		
<i>iot</i>	make assistant IBM Watson. (1d)	Use python language in IBM Watson to convert speech to text & text to speech. (1d)	Merge speech to text, Watson assistant and text to speech in python language (1d)	Reduce the delays (means fast response) between the previous services. (1d)

*production line*

<i>modeling</i>	Will use 3d printer, takes less time
<i>asmbly</i>	manual
<i>packegs</i>	Box and cover it with
<i>program</i>	Install the system on tablet for robot