**Our project** is that we will create a pot that will be watered automatically and the person who buys it can not worry that when nobody is at home the flowerpot will dry up. In the future, the development will also include automatic fertilizer delivery, display of soil quality, moisture content on the mini display. And also an ultraviolet lamp that will allow the plant to grow faster and better. At the present time: The structure of the flowerpot will include: a vase frame, a water pump, an arduino, a moisture sensor (and temperature), a water pipe, LEDs that signal the end of the water in the tank, and then a person can conspiracy will fill it and admire a plant, new 2-3 weeks - without water it. The process is as follows: the programmed sensors will collect information about the state of the moisture in the soil and the temperature to be transmitted to the arduino, to which the pump will be connected, after processing the data (you need to do so so that the data is read alike, and set the single boundary that will give the switching signal), and the data will be read every 3 hours, arduino will analyze the situation (that is, the special code programmed that the sensor information is critical and then the signal will go on the relay, which turn on a 12 volt pump for water supply) and watered flower. Also, one of the most complex and important parts is the design of the design of this flowerpot. This will all happen in 3D, and then start printing into a 3D printer. Why can not we buy a flowerpot in the store? First, our product will be unique and unique in Ukraine. Secondly, all sensors we plan to put should be inside the vase, and therefore they need to do a specially designated place and, plus this place does not interfere with the growth of the plant. Thirdly, a water tank should be created which can be easily removed and filled when water runs out. The most importantly - all this should look nice and be the most practical to take first place in the market.