The 3d printer has a multitude of uses in both the personal and business sectors. In the business sector the 3d printer can be used to make in house products when in demand. An example of one of the most extensively use is to make rapid prototypes. One of the most attractive parts of the prototyping this way is its less expensive compared to outsourcing or collecting the resources for production. Prototypes can also be made easily with quickly within a few hours. (Rayna & Striukovab, 2016) The prototypes can me made whenever in need. The prototypes can make a whole car without any outsourcing and it can be lighter and more efficient. (Chowdhry, 2013) Whole organs can be made also well. The organ is made from the patients cells so there are biologic match. If used wide spread, it could eliminate the majority of those on the transplant wait list. It can also make bionic ears that are more sensitive to sound then normal ears.(Chowdhry, 2013) The aerospace program has use for the 3d printer. It is using it to make prototype for their engines. With one of the prototype of engine injector improving the thrust tenfold. With the prototype being to scale the engineers can accurately be scaled larger when production ready. Plans have been made to send a 3D printer to the ISS so the astronauts can have a mini tool factory. (Chowdhry, 2013) The 3D printer makes light weight prosthetics for amputees. These parts can be made specialize for the people much cheaper than other customizations. These prosthetics can even be fitted for animals. (Chowdhry, 2013)

A 3d printer can be useful in houses too. When parts are broken one can model and print it out without waiting for it to be shipped. This process it also much cheaper and quicker then what can be find and bought. For example, knobs can be made for broken dials. (Yusuf, 2016) Tools can also be made in any size or shape needed. So if one has a bolt but not wrench to fit it, one can make the wrench. (Yusuf, 2016) Another opinion is unique deceives that can make life a little easier. One can make an earbud holder, SD holder, or a self-watering plant holder. (Yusuf, 2016)

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