

1. <u>CUSTOMER SEGMENTS(S):</u> <ul style="list-style-type: none"> ❖ Waste holders, such as private individuals, properly owners or companies are our customers. 	5. <u>AVAILABLE SOLUTIONS:</u> <ul style="list-style-type: none"> ❖ Shop eco-friendly with reusable bags. ❖ Join buy-and-sell groups. ❖ Digital trash bins are alternative to dustbins, because digital bins can detect the trash levels and send notification to the customers. 	6. <u>CUSTOMER:</u> <ul style="list-style-type: none"> ❖ As it is technology based it requires internet access to work properly. ❖ Customers may use solar energy instead of electrical powers. ❖ Customers need to buy some internet of things(IOT) devices to access.
2. <u>JOBS-TO-BE-DONE/PROBLEMS:</u> <ul style="list-style-type: none"> ❖ Separate your waste. ❖ Create your composite waste. ❖ Growing pressure in outdated waste infrastructure, with declining level of capital investments and maintenance. 	7. <u>BEHAVIOUR:</u> <ul style="list-style-type: none"> ❖ If the sensors are not working properly contact the customer care or drop a message. 	9.<u>PROBLEM ROOT CAUSE:</u> <ul style="list-style-type: none"> ❖ Lack of industry experts. ❖ Emission of green house gasses. ❖ Poor recycling quality due to lack of education.
3. <u>TRIGGERS:</u> <ul style="list-style-type: none"> ❖ Seeing how neighbors are having a clean environment after using it people will get admire by seeing others. 4. <u>BEFORE/AFTER:</u> <ul style="list-style-type: none"> ❖ Before using this technology, society is suffered by serious health issues. ❖ After using this technology, they feel good as it provides clean society 	8. <u>CHANNELS OF BEHAVIOUR:</u> <p><u>ONLINE:</u></p> <ul style="list-style-type: none"> ❖ If it is in online mode,after the bin is getting filled it sends notification message to the authorized persons. <p><u>OFFLINE:</u></p> <ul style="list-style-type: none"> ❖ If it is in offline mode,everyday waste collecting trucks will collect the garbage waste from the home. 	10.<u>YOUR SOLUTION:</u> <ul style="list-style-type: none"> ❖ Our solution is to manage the garbage level and sending indication message to the authorized persons. ❖ The view of making clean environment. <p><u>REDUCE-REUSE-RECYCLE[R3]</u></p>

PROJECT TITLE:SMART WASTE MANAGEMENT SYSTEM		PROJECT DESIGN PHASE-1-SOLUTION FIT TEM	