**PROJECT PROPOSAL:**

Reduce, reuse and recycle is a concept that people everywhere are starting to understand and apply to everyday life. Its principles are quite basic, but are important for maintaining a sustainable life. To remain productive, reducing one’s intake of energy and materials is vital. The toxicity of trash is at an all-time high and the only way to stop this is by preventing waste from the very beginning of its life. The concept of reuse is applied by reinventing items after their initial life and avoiding additional waste by all means necessary. Recycling is the process of turning items considered to be waste into a valuable resource. This process does include many steps, but begins with taking items such as cans, glass, newspapers or plastic to a recycle bin or collection facility. The more often individual users partake in this practice by consciously making themselves aware of an item’s recyclability, the easier the entire process will be for the rest of the world. This ease will simply create a higher demand for recycled products and will be more of an incentive for large corporations to use and buy recycled products, making the entire process more successful and stress free. These simple ideas of reduce, reuse, recycle are just the beginning of challenging ourselves in preserving our environment.

The notion of reduce, reuse and recycle was obvious when developing a concept for Resource Management. To improve efficiency of resource management by using three R’s we are proposing an application which can automate the whole process and also manages scheduling of waste collection thus no resources are wasted by anyone.

This application gives us answers all the questions about waste management in Kansas City. One has to plan time and date to get all the waste together. To schedule time we have collection calendar which helps us to get information of time and date of waste collections. We can also get reminders before the specified deadline of collection. Now after scheduling time and date one has to know about the place or collection point where we have to drop the waste. For this application provides a solution by giving information of collection points near to you and also you can get map to get to that place. The application also provides us a sorting guide through which one can sort waste in their home to different categories such as electronic appliances, glass, household waste etc. It has a local storage which will store you address automatically and reduces overhead of entering address every time. If anyone is busy at that they can also schedule time and send request to pick up the recycling waste.

If we are considering in driver perspective view also this application is useful because he can get list of places where he can collect the waste and by giving his place he can get a map through all the collection points available and also minimum distance through them.