Project Design Phase-II
Customer Journey Map

	Awareness	Performance	Useability	Security	Management
Approach	Recycling makes the best use of waste, conserving valuable resources, such as water, land, and raw material. Recycling saves energy, helps keep materials out of landfills and incinerators, and provides raw materials for the production of new products	Possible waste disposal methods are recycling, composting, incineration, landfills, bioremediation, waste to energy, and waste minimization.	Its purpose is to provide hygienic, efficient and economic solid waste storage, collection, transportation and treatment or disposal of waste without polluting the atmosphere, soil or water system.	IoT solutions for this problems offer municipalities data intelligence and real-time insights. In that regard, the fill patterns of specific containers can be identified by historical data and managed accordingly in the long term.	This system can't measure the fullness levels of containers, and as a result, half-full containers can be emptied, and in contrast, pre-filled ones need to wait until the next collection period come
Experience	They can also alert the waste management companies or municipalities if an undesirable incident happens such as sudden temperature rise or displacement of the container by their GPS features.	It solves the problem by using sensors, intelligent monitoring system, and mobile applications	This smart waste management solution reduces fuel consumption and cost. Therefore, this reduction allows waste collection companies or municipalities to allocate their resources efficiently.	Hardware solutions, mobile applications are used to overcome the challenges in the regular waste management system, such as keeping track of the drivers while they are operating on the field.	Drivers collect empty bins, predefined collection routes of the system cause waste of time, an increase in fuel consumption, and excessive use of resources.