

Critical Thinking,Desing Thinking,Leadership and Framework

Task 1: Create a business model canvas of desing thinking for the above problem

CUSTOMER SEGMENTS <ul style="list-style-type: none"> Municipal corporations and urban water management authorities Residential building societies Industrial complexes Smart city developers Facility and property management companies 	VALUE PROPOSITIONS <ul style="list-style-type: none"> Real-time SMS alerts for water leakage incidents Precise location and time stamps for faster response Reduces water loss and infrastructure damage Easy integration with existing sensor networks 	CHANNELS <ul style="list-style-type: none"> Mobile app stores (for setup/config) Direct sales to municipalities and real estate firms Integration via smart city tenders and infrastructure providers Partnership with sensor manufacturers
CUSTOMER RELATIONSHIPS <ul style="list-style-type: none"> Dedicated support and setup assistance Maintenance and periodic updates Customer training for monitoring and response Feedback loop for continuous improvement 	REVENUE STREAMS <ul style="list-style-type: none"> Subscription model (monthly/yearly) One-time installation and integration fee Custom development for enterprise clients Revenue share with sensor providers or infrastructure firms 	KEY RESOURCES <ul style="list-style-type: none"> SMS gateway provider Mobile development team Sensor data integration system (API/backend) Cloud infrastructure for logging and processing alerts Partnerships with IoT sensor manufacturers
KEY PARTNERSHIPS <ul style="list-style-type: none"> IoT sensor companies Telecom providers (for bulk SMS) Government agencies for smart city deployment Property developers and civil engineers 	COST STRUCTURE <ul style="list-style-type: none"> SMS and communication costs App development and updates Server hosting and maintenance Marketing and customer acquisition Staff salaries (development: 	