









Project Design Phase-II

Data Flow Diagram & User Stories

Date	03 October 2022
Team ID	PNT2022TMID53114
Project Name	VirtualEye - Life Guard System for Swimming Pools to Detect Active Drowning

	 <p>Entice</p> <p>How does someone initially become aware of this process?</p>	 <p>Enter</p> <p>What do people experience as they begin the process?</p>
 <p>Steps</p> <p>What does the Pool Owner typically experience?</p>	<div>See ad on social media / television</div> <div>Pool owner sees ad for our system while browsing the net / watching TV</div> <div>See competitors use our system</div> <div>Pool owners hear positive reviews from other Pool Owners</div> <div>Inexperienced Bodyguards</div> <div>Pool Owner actively searches for alternatives to bodyguards, monitoring pools</div>	<div>Subscription to service</div> <div>Owners pay for the service on a monthly / yearly basis</div> <div>Infrastructure Setup</div> <div>VirtualEye team installs all cameras, lights and other hardware</div>
 <p>Interactions</p> <p>What interactions do they have at each step along the way?</p> <ul style="list-style-type: none"> ■ People: Who do they see or talk to? ■ Places: Where are they? ■ Things: What digital touchpoints or physical objects would they use? 	<div>Our team has meeting with pool owner</div> <div>Meeting happens at the pool/hotel office</div> <div>A contract is drawn for the subscription</div>	<div>Set up team reaches the pool</div> <div>Swimming pool is scoped and mapped</div> <div>cameras and lights are installed</div>
 <p>Goals & motivations</p> <p>At each step, what is a person's primary goal or motivation? ("Help me..." or "Help me avoid...")</p>	<div>Increase efficiency of the lifeguard system</div> <div>Decrease cost of lifeguards, watchmen</div>	<div>Reach a reasonable contract</div>
 <p>Positive moments</p> <p>What steps does a typical person find enjoyable, productive, fun, motivating, delightful, or exciting?</p>	<div>The pool owner is looking forward to implement the system</div>	<div>Pool owner is able to negotiate a cheap deal</div> <div>the cameras are placed at strategic places</div>
 <p>Negative moments</p> <p>What steps does a typical person find frustrating, confusing, angering, costly, or time-consuming?</p>	<div>The system does not come under the pool's budget</div> <div>VirtualEye website is not responding</div>	<div>The scope of the system doesn't align with pool</div> <div>There is not enough space for infrastructure to be installed</div> <div>the period of subscription does not flatter the pool owner's plans</div>
 <p>Areas of opportunity</p> <p>How might we make each step better? What ideas do we have? What have others suggested?</p>	<div>Make an attractive ad campaign</div> <div>encourage pool owners to use system by providing incentives and offers</div>	<div>Hire good negotiators and product experts to meet with pool owners</div> <div>plan most efficient infrastructure maps</div>

