

Drone features	Curent state	GAP	Future state	Action plan
Feature 1	Basic flight controls and camera capabilities.	Price Gap- Competitively priced within consumer markets but may be prohibitive for professional users.	Advanced obstacle detection and avoidance systems.	Research and Development- Conduct market analysis and user surveys to identify feature priorities and industry requirements.
Feature 2	Limited autonomous functions, such as follow-me mode.	Feature Gap- Lack of advanced features like obstacle avoidance, intelligent flight modes, and high-resolution camera stabilization	Expanded autonomous capabilities for precise navigation and mission planning.	Partnerships and Collaboration- Collaborate with software developers, aerospace engineers, and industry experts to innovate new functionalities
Feature 3	Standard battery life of approximately 20-30 minutes.	Battery Life Gap - Insufficient battery life for long-range missions or extended flight times.	Extended battery life of up to 60 minutes or more.	Regulatory Compliance- Stay abreast of evolving regulations and standards for drone operation and safety.
Feature 4	Moderate durability, susceptible to damage in harsh conditions.	Durability Gap- Limited resilience against adverse weather conditions, wind, and impact.	Enhanced durability with weatherproofing and ruggedized design.	Cost Optimization- Streamline manufacturing processes and supply chain logistics to reduce production costs.
Feature 5	User interface includes a mobile app for control and basic settings	User Interface Gap- Basic mobile app interface with limited customization options and data analytics.	Comprehensive user interface with intuitive controls, advanced settings, and analytics.	Product Design and Testing-Design prototypes incorporating advanced features and conduct rigorous testing in simulated and real-world environments
Feature 6	Market presence in consumer photography, videography, and hobbyist sectors.	Market Presence Gap - Limited penetration into specialized industries such as agriculture, construction, and public safety.	Diversified market presence across consumer, professional, and industrial sectors.	Marketing and Distribution- Develop targeted marketing campaigns to raise awareness and generate demand among consumer and professional audiences