

Wilmont's Pharmacy Drone Delivery Project		Date	7/4/2022
		Revision	0
Work Breakdown Structure (WBS)	WBS Dictionary	Correspondent Individual	Timeframe
WBS Activity			
1.0 Develop four drones for safe and robust drug delivery	Overall project		
1.1 Initiating	Establish project boundaries and prepare for the beginning of the project.		January
1.1.1 Outline project scope, cost, and schedule	Determine project boundaries, deliverables, and exclusions along with cost, scope, and schedule baseline documentation	Vedad Bassari	
1.1.2 Work with stakeholders	Engage stakeholders to verify project boundaries and finalize the project charter and management plan.	Vedad Bassari	
1.1.3 Teams preparation	Meet with functional teams to establish project goals, the vision for project completion, and relevant objectives.	Vedad Bassari	
1.1.4 Compile supporting documentation	Round out documentation with risk and quality assessment as well as a detailed WBS, budget breakdown, change management plan, and business case.	Vedad Bassari	
1.2 Planning	Planning consists of engineering and software design as well as legal and business planning for the project.		February - April
1.2.1 Hardware planning	Reflects hardware system requirements to complete project.		
1.2.1.1 Planning for engineering modifications	Enhance drone delivery carriage design to be shock and temperature resistant.	William Holt	
1.2.1.2 Planning for flight modifications	Enhance drone flight patterns and prepare adjustments for implementation.	Gerald Hasper	
1.2.2 Software planning	Reflects software system requirements to complete project.		
1.2.2.1 Planning for software modifications (joint effort with Wilmont's)	Work with Wilmont's software team to establish software changes necessary to provide an integrated ordering system for customers. Exclusion: DroneTech will not be making modifications to Wilmont's software infrastructure.	Shravani Sinha (Wilmont's correspondent: William Scott)	
1.2.2.2 Planning for IT modifications (joint effort with Wilmont's)	Work with Wilmont's IT team to ensure changes needed for proper management approval and information safety for the integrated ordering software.	Eileen Seymour (Wilmont's correspondent: Mary Pearson)	
1.2.3 Administrative planning	Reflects non-engineering functions needed to complete planning.		
1.2.3.1 Plan procurement	Obtain preliminary Bill of Materials from staff and begin procurement of necessary resources based on budget allocation; this includes ordering new drones from established outsourced manufacturing processes.	Stephanie Williams	
1.2.3.2 Plan training	Prepare documentation and training material for transferring knowledge of systems to Wilmont's operators.	Rohan Shah	
1.2.3.3 Planning coordination	Coordinate planning efforts by holding regular meetings with stakeholders and reflecting necessary changes in documentation.	Vedad Bassari	
1.3 Execution	Carry out engineering plans laid out in phase 1.2.		May - September
1.3.1 Hardware execution	Reflects hardware system requirements to complete project.		
1.3.1.1 Overview manufacturing of drones	While manufacturing is outsourced, the process must be overviewed by the engineering team. Constraint: project execution will begin when budget is allocated by Wilmont's.	N/A	
1.3.1.2 Execute engineering modifications	Implement drone delivery carriage design to be shock and temperature resistant.	William Holt	
1.3.1.3 Execute cosmetic modifications	Paint the drones in Wilmont's emblem and colors.	Ashish Nehra	
1.3.2 Software execution	Reflects software system requirements to complete project.		
1.3.2.1 Execute software modifications (joint effort with Wilmont's)	Work with Wilmont's software team to implement software changes necessary to provide an integrated ordering system for customers	Shravani Sinha (Wilmont's correspondent: William Scott)	
1.3.2.2 Planning for IT modifications (joint effort with Wilmont's)	Work with Wilmont's IT team to implement the changes needed for proper management approval and information safety for the integrated ordering software.	Eileen Seymour (Wilmont's correspondent: Mary Pearson)	
1.3.3 Administrative planning	Reflects non-engineering functions needed to complete planning.		
1.3.3.1 Updated procurement requirements	Work with any additional resource requirements established by the engineering team.	Stephanie Williams	
1.3.3.2 Carry out training (joint effort with Wilmont's)	Execute training of drone operators through Wilmont's change management team. Exclusion: DroneTech will not be liable for operator error following training.	Rohan Shah (Wilmont's correspondent: Shirley Johnson)	
1.3.3.3 Execution coordination	Coordinate execution efforts by holding regular meetings with stakeholders and reflecting necessary changes in documentation.	Vedad Bassari	
1.4 Monitoring	Review execution to ensure alignment with planning and reflect necessary changes to scope, schedule and cost. This process is parallel in timeframe to execution.		May - October
1.4.1 Hardware systems testing	Supervise quality assurance for the hardware components of the drone system.	William Holt	
1.4.2 Software systems testing	Supervise quality assurance for the software components of the drone system.	Shravani Sinha	
1.4.3 Change management controls	Monitor results of quality assurance and reflect changes in scope, schedule, and cost to ensure that deliverables are being met.	Vedad Bassari	
1.5 Closing	Deliver products and ensure that project is successfully completed.		October - November
1.5.1 Documentation	Finalize changes in documentation to learn from the project and facilitate future projects.	Vedad Bassari	
1.5.2 Delivery	Ensure that drones are installed in the desired locations and functional	Ashish Nehra	