

Project Work Plan 2023-2025

Lead Organization Name	University of Agriculture Faisalabad																				
Project Name	High Throughput Crop Monitoring using Computer Vision for Climate Smart Agriculture																				
Project Start Date:																					
Project End Date	15-1-2025																				
Project Country (ies)	Pakistan																				
Implementing Partners (if applicable):																					
Outcome Description	Output Description	Activity Description	Timeline (Indicate X to represent the timeline)																Deliverables		
			2023		2024										2025						
			NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB			
Outcome 1: Online portal and mobile application for High Throughput Crop Monitoring using Computer Vision for Climate Smart Agriculture	Output 1.1: Recruiting staff for the project	Activity 1.1.1: Preparation of clear job description and advertisement	X																	Job advertisement	
		Activity 1.1.2: Interview, Selection, and orientation of candidates		X																	Joining reports of candidates
	Output 1.2: Procurement of project equipment	Activity 1.2.1: Preparation of tenders and advertisement for bidding		X	X																Advertisement for bidding in press
		Activity 1.2.2: Screening of bidding documents and preparation of supply orders				X	X														Procured equipment report
	Output 1.3: Installation of equipment and data collection	Activity 1.3.1: Install and configure the equipment at relevant locations						X													Equipment installation report
		Activity 1.3.2: Data acquisition							X												Data acquisition report
		Activity 1.3.3: Data validation								X											Data verification report
	Output 1.4: Development of an online portal and mobile App	Activity 1.4.1: Design and development of online portal and mobile app				X	X	X	X	X	X	X	X								Online portal and mobile app apk
		Activity 1.4.2: Data integration									X	X	X	X							Data integration portal with the application
		Activity 1.4.3: Testing											X	X	X	X					Application testing document
	Output 1.5: Training and capacity building of stakeholder	Activity 1.5.1: Development of training materials and resources											X	X	X	X					Training manuals
		Activity 1.5.2: Training of stakeholder on using the online portal and mobile app for crop monitoring														X	X	X			Capacity building of the stakeholders
		Activity 1.5.3: Organize awareness seminars, workshops and conferences														X	X	X			Seminars, workshops and conferences
			Activity 1.5.4: Policy for the potential of scaling up of technology for the South Asian region																X		Policy document