
Database Management System (IT615) Software Requirements Specification (SRS) for Sustainable Agriculture Resource Management

**Group Number: 02
Aarushi Goel (202412002)
Jayesh Chauhan (202412012)**

Interview Plan

System: Sustainable Agriculture Resource Management

Project Reference: G2

Participants:

Jayesh Chauhan (Role play as Farmer/Researcher)

Aarushi Goel (Interviewer)

Date: 10/09/2024 **Time:** 10:00 AM

Duration: 45 minutes **Place:** DA-IICT

Purpose of Interview:

The purpose of the interview is to understand the challenges farmers face in sustainable agricultural practices, gather insights on modern farming techniques, and evaluate potential solutions for improving resource management. Additionally, it aims to share practical experiences and explore how research can support farmers in adopting sustainable methods.

Agenda:

Farmer's views on sustainability

Current resource management techniques (water, soil, crop rotation)

Challenges in adopting sustainable methods

Technology integration in farming

Interview questions for Farmers:

1. How do you define sustainable agriculture?
2. Are you aware of new agricultural technologies? If yes, how did you learn about them? If no, do you want to learn?
3. Do you wish to pass down your agricultural knowledge to your children? Are they interested in continuing farming?
4. Are you familiar with crop rotation? If yes, how did you learn about it, and where are you practicing it?
5. How do you currently manage resources like water, land, and technology?
6. Would you benefit from more awareness about crop diseases and guidance on using technology for weather forecasting?

Interview questions for Researcher:

1. How do you define sustainable agriculture?
2. Are there any emerging innovations with the potential to revolutionize sustainable agriculture management?
3. What are the pros and cons of genetically modified crops in the context of sustainable agriculture?