

AEIOS Summary		
Environment: Farmer marketplaces E-commerce platform (B2C) Cloud-hosted backend Farming fields & rural areas Mobile & desktop web app Agricultural information systems	Interaction: Farmer to customer User to AI chatbot User to ML prediction system Customer to payment gateway Admin to backend database User to weather/news APIs	Objects: Product listings AI chatbot assistant ML prediction module Cart & order system Weather/news widgets Authentication tokens Redis cache PayPal payment interface
Activities: Selling & buying farm products Searching/filtering items Asking agri-related queries Receiving crop/fertilizer/soil predictions Checking weather & news Login/register via Google or token Making payments & tracking orders		Users: Farmers Customers Admins Data scientists