

# Agile Development of Workflow Automation using Microsoft Powerapps

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**Abstract:** *Low-code platforms are widely used for the quick development and deployment of applications based on varying needs. This project explores the usage of the Microsoft power application along with the SharePoint portal for automation of workflows in a conventional organization on agile mode. Use-case and user stories were developed to understand the requirement, workflows were defined in an agile manner and the application was developed using Microsoft power application and SharePoint. Key benefits being automated workflows, data logging, data management, tracking, Management Information System (MIS) report generation with automated alerts*

**Keywords:** SharePoint, PowerApps, Power Automate, workflow, usecase, user stories, management information system, data management, automated alerts