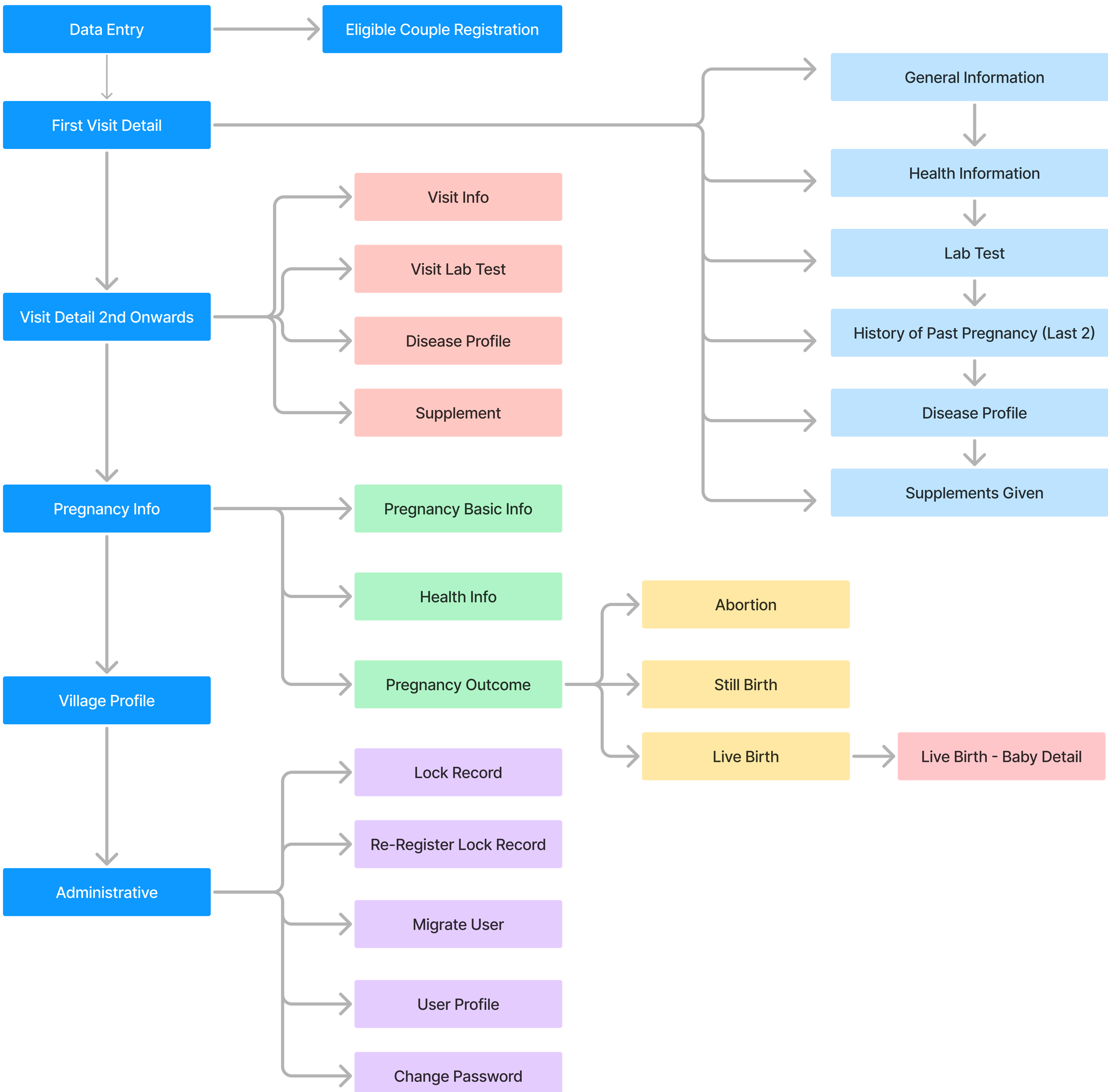Monitoring Flow Chart