Road to success – The DevOps Journey

Process actions

1. **Management Commitment**
   **ESTIMATED** 2 MONTHS
   - Assign Mgmt members for first workshop. Find User Story for Proof Of Concept (POC).
   - What is a good User Story (City Network help).
   - Team needs to consist of Dev, Sec, Ops and customer contact staff. (Max, 12 members).
   - KPI workshop and team assembly. Identify KPI for User Story.
   - Establish POC team.

   **City Network contribution:**
   Workshops for Mgmt in How and Why.

   **Purpose:**
   There needs to be a Mgmt commit in order for the POC to work.

2. **DevOps - Team Development**
   **ESTIMATED** 5 MONTHS
   - Workshops: Team Dynamics 2-3 days “From Group to Team”.
   - Implement “New Mindset” - Workshop and exercises.
   - What is DevOps? Why DevOps?
   - Implement “New Tools” - Why OpenSource?
   - How to Work with OpenSource.
   - Education in “New Tools” ex, CI/CD and automation.
   - Implement “New Skills”.

   **City Network contribution:**
   Workshops Team development stages. Courses and education on premise and On-line.

   **Purpose:**
   Create a Team out of a Group. It takes time and has to be allowed to take time.

3. **Test and Automation**
   **ESTIMATED** 3 MONTHS
   - Produce and measure User Story KPI.
   - Evaluate the KPI findings.
   - CI/CD – Build a test of the User Story KPI’s.

   **City Network contribution:**
   Consulting and guidelines.

   **Purpose:**
   The automated testing is just as important as the application itself.

4. **Launch and Deploy**
   **ESTIMATED** 2 MONTHS
   - Build a “Production environment” ex, microservices.

   **City Network contribution:**
   A compliant Cloud environment.

   **Purpose:**
   Develop code more efficient and automated for re-generation and deploy.

**GOAL:** To increase speed of test, pace of deployments and increase quality.

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* This is an estimate and may vary between different companies.