Towards a more efficient engineering team

By Khaled alHabache @khelll

Factors of efficiency

- Communication:
  - Good communication delivers the needed business value and removes a lot of hassle back and forth.
  - All new software engineering methodologies realize the importance of good communication and feedback.
  - If the manager is absent life still goes on.
- Motivation:
  - Increases the energy and therefore the output.
  - Leads to more innovation, ownership and quality.

Roadmap

- Process Automation.

- Motivation/Discipline balance.

- Enhancing the team knowledge.

Process automation

- Software developers hate repetitive tasks.

- Focus on what matters, repetitive tasks take a lot of time.

- Automate everything:

  - Communication: business and tasks.

  - Builds: continuous integration and beta releases.

  - Deployment.

  - QA.

Motivation/Discipline balance

- Increase the output.

- Maintain the quality.

- Control the time.

Motivation

- The employee's job is to do his best work every day. The boss's job is to give his employee a reason to come to work tomorrow.

- Motivation comes in forms:
  - Work-life balance.
  - Financial reward.
  - More impact.
  - Challenging work.

Discipline

- Quality:

  - Code quality.

  - Maintaining the technical debt.

- Deadlines:

  - Redlines.

  - Better calculation for the team velocity and work in progress.

Enhancing the team knowledge

- Enhancing the knowledge:
  - Increases the motivation.
  - Maintains the quality.
- Ideas:
  - Follow new standards.
  - Workshops.
  - Engage more in OS.
  - The 80/20 Rule.

Thanks!

Thanks!

@khelll