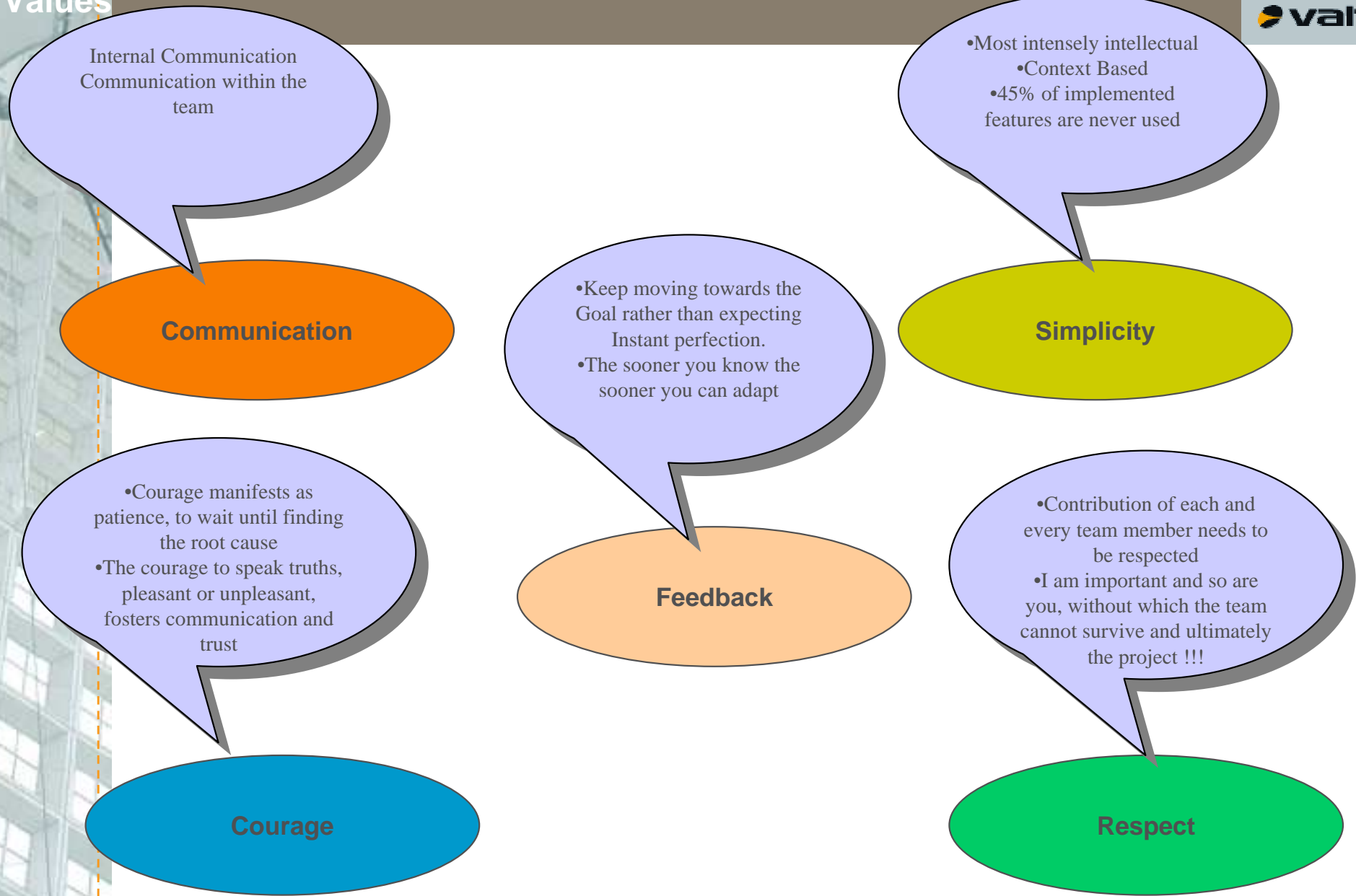# Valtech India – Introduction to XP2

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- **Philosophy based on Values of Communication, Feedback, Simplicity, Courage and Respect**

- **A Collection of Practices : Sit Together, pair Programming, Continuous Integration, Weekly/Quarterly Cycle, Daily/Frequent Deployment, Test First Programming, Incremental design**

- **A set of complimentary principles : Humanity, Economics, Mutual Benefit, Self Similarity, Improvement, Diversity, Reflection, Flow, Opportunity, Redundancy, Failure, Quality, Baby Steps, Accepted Responsibility**

- **A Community that shares the values and most practices**

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- **XP continues to be light weight, but adaptation of practices is encouraged, no freeze dried processes**

- **XP has been adapted for larger projects and projects where requirements are relatively stable**

- **Focussed on addressing software development constraints, not distracted by trying to address support functions such as operations, marketing, sales, administration etc**

- **XP continues to be ideal for environments where business requirements are rapidly changing, 'Time to market' is of prime importance**

- **Short development cycles – Continuous feedback**
- **Incremental Planning**
- **Responsive to changing business needs**
- **Automated unit tests, continuously deployable state of code**
- **Communication through source code, tests, demos and oral**
- **Evolutionary design**
- **Close collaboration, team work and continuous customer involvement**

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- **Schedule Slips : Short release cycles**

- **Project Cancelled : Business Team chooses the smallest release that makes most business sense**

- **System goes sour : Keep the system always in a deployable state**

- **Defect Rate : Test from a programmers perspective and from a business users perspective**

- **Business misunderstood : business analysts from customers team to be full members of the team**

- **Business changes : continuous prioritization, small release cycles**

- **False Feature rich : highest priority (based on business value proposition) features done first**

- **Staff Turnover : Values humanity, team, mutual benefits, feedback, continuous improvement**

Internal Communication
Communication within the team

•Most intensely intellectual
•Context Based
•45% of implemented features are never used

Communication

•Keep moving towards the Goal rather than expecting Instant perfection.
•The sooner you know the sooner you can adapt

Simplicity

•Courage manifests as patience, to wait until finding the root cause
•The courage to speak truths, pleasant or unpleasant, fosters communication and trust

Feedback

•Contribution of each and every team member needs to be respected
•I am important and so are you, without which the team cannot survive and ultimately the project !!!

Courage

Respect

•Values Support each other , any one will not solve all problems
•You can invent the values that inspires your team

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Humanity
Safety, Accomplishment, Belonging, Growth, Intimacy

Economics
Time Value of Money
Option value of systems and Teams

Diversity

Improvement
Perfect is a verb
Not an adjective

Reflection
Weekly, quarterly cycles
Pair programming

Quality
Passion, Motivation
Pride

Mutual Benefit
ROI for all
activities

Redundancy
Redundant practices
For defect prevrntion

Accepted Responsibility
Ownership of activities

Pair programming