Checklist for Systematic Review
Distributed and Agile Software Development

Research Settings

Research Type
- Solution
- Validation
- Evaluation
- Philosophical
- Experience
- Opinion

Research Method
- Qualitative
- Quantitative
- Mixed
- Unclear

Research Sub-Method
- Case Study
- Multi-Case Study
- Action Research
- Observation
- Interview
- Experiment
- Quasi-Experiment
- Survey
- Questionnaire
- Simulation
- Literature Review
- Unclear

Means of Analysis
- Descriptive
- Comparison
- Grounded Theory
- Measurement
- Tool Development
- Statistical
- Other:
Knowledge Area
- Requirement
- Design
- Construction
- Testing
- SE Management
- SE Process
- Maintenance
- Tools & methods
- Unclear

Empirical
- Yes
- No
- Unclear

Project Settings

Project Size
Small <= 20 persons < Medium <= 50 persons < Large
- Small
- Medium
- Large
- Unclear

Project Duration
Short (less than 1 month) < Medium < Long (more than 7 months)
- Short
- Medium
- Long
- Unclear

Type
- Industry
- Students
- Unclear

Application Domain
- Web
- Finance
- Embedded
- Automation
- Telecommunication
- Enterprise Software
- Automotive
Open Source
- Open Source
- Unclear
- Other:

Successful
- Yes
- No
- Unclear

Distribution Settings

Location
Offshore (different countries) > Onshore (same country) > Unclear
- Offshore
- Onshore
- Unclear

Legal Entity
Outsourcing (different companies) > Insourcing (same company) > Unclear
- Outsourcing
- Insourcing
- Unclear

Geographical Distance
Far (Flying time 2 hours and more) > Near (Flying time less than 2 hours) > Unclear
- Far
- Near
- Unclear

Temporal Distance
Large (more than 4 hours) > Small (4 hours or less) > Unclear
- Large
- Small
- Unclear

Team Distribution Type
Isolated distributed teams > Integrated distributed teams > Unclear
- Isolated distributed teams
- Integrated distributed teams
- Unclear

Number of sites
0 = Unclear
- 0
- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10

0 1 2 3 4 5 6 7 8 9 10
Global Development?
- Yes
- No
- Unclear

Supplier Country / Countries
- India
- USA
- UK
- Ireland
- Netherlands
- Philippines
- Ukraine
- Poland
- China
- Canada
- France
- Italy
- Brazil
- Czech Republic
- Russia
- Israel
- Norway
- Finland
- Romania
- Latvia
- Malaysia
- Hong Kong
- Austria
- Unclear
- Other:

Customer Country / Countries
- USA
- Finland
- Australia
- Norway
- China
- UK
- Denmark
- Netherlands
- Germany
- Canada
- New Zealand
Agile Settings

Agile Process
- Scrum
- XP
- Kanban
- FDD
- Crystal
- Mixed
- Unclear
- Other:

Agility Level
- Not all teams
- All teams
- Organization-wide
- Unclear

Practices
- Standup Meeting
- Sprint planning
- Requirements Workshop
- Sprint review/demo
- Retrospective
- Estimation Meeting
- Planning game
- Scrum of Scrums
- Video/Audio Conference Meetings
- Instant Messaging
- Chat
- Wiki
- Contact Visits
- Screen sharing
- Sprint/iterations
- Simple/incremental design
- Backlog
- User stories
- Enough documentation
- Self-organizing team
Burndown Charts
Sticky notes task board
Electronic/virtual task board
Continuous integration
Pair Programming
TDD
Automated Testing
Unit/integration testing
Coding standards
Collective Code Ownership
Code Review
Refactoring
Onsite/proxy customer
Scrum Master
Product Owner
Proxy Product Owner
Product Owner Teams
Agile Coach
Ambassador
Unclear
Other:

Results

Contributions of the study
- Framework or Model
- Case study analysis
- Comparison or Transformation
- Recommendations/Best Practices
- Lessons Learned
- Tool Development
- Literature Review
- Other: