

Retrospettiva: sprint 3

Giochi

Progress poker e Chase the state

The image displays a set of 40 Ivar Jacobson cards, organized into 5 categories, each with 8 cards showing different states of progress. The cards are arranged in a grid-like fashion, with the top row showing the full card details and the subsequent rows showing smaller versions of the same cards.

Stakeholders

- In Agreement**
 - Minimal expectations agreed
 - Rep's happy with their involvement
 - Rep's input valued
 - Team's input valued
 - Priorities clear & perspectives balanced
- Recognized**
 - Stakeholder groups identified
 - Key stakeholder groups represented
 - Responsibilities defined
- Represented**
 - Representatives authorized
 - System owner clear
 - Representative empowered
 - Way of working supported & respected
- Involved**
 - Representatives used to the work
 - Timely feedback and decisions provided
 - Changes promptly communicated
- In Agreement**
 - Minimal expectations agreed
 - Rep's happy with their involvement
 - Rep's input valued
 - Team's input valued
 - Priorities clear & perspectives balanced
- Satisfied for Deployment**
 - Stakeholder feedback provided
 - System ready for deployment
- Satisfied in Use**
 - Feedback on system use available
 - System meets expectations

Requirements

- Addressed**
 - Enough addressed to be acceptable
 - Requirements and system match
 - Value realized clear
 - System worth making operational
- Concise**
 - Stakeholders agree system to be produced
 - Users identified
 - Existing expectations identified
 - Openly clear
- Bounded**
 - Development stakeholders identified
 - System purpose agreed
 - System owner clear
 - Shared solution understanding achieved
 - Requirements management in place
 - Requirements management in place
 - Pre-position system clear
 - Consistently identified & controlled
 - Assumptions clear
- Coherent**
 - Requirements shared
 - Requirements used to the work
 - Pathways clear
 - Conflicts resolved
 - External characteristics clear
 - Any edge systems explained
 - Practices clear
 - Team knows & agrees on what to deliver
- Acceptable**
 - Acceptable solution described
 - Requirements used to the work
 - Change under control
 - Value realized clear
 - Clear how regularly performed
 - Testable
- Addressed**
 - Enough addressed to be acceptable
 - Requirements and system match
 - Value realized clear
 - System worth making operational
- Fulfilled**
 - Stakeholders accept requirements
 - No further requirements
 - Requirements fully satisfied

Software System

- Architectural Related**
 - Architecture selection criteria agreed
 - Key patterns identified
 - Technologies selected
 - System boundary known
 - Consistent on system organization
 - Key risks, how decisions made
 - Key technical rules agreed to
- Decomposable**
 - Key architectural characteristics described
 - System context & performance metrics
 - Critical interfaces defined
 - Critical interfaces described
 - Integration with other systems described
 - Architecture designed as fit-for-purpose
- Usable**
 - System can be controlled
 - System functionality tested
 - System performance acceptable
 - Defined events/exceptions
 - System fully decomposable
 - Release context known
 - Address value clear
- Ready**
 - User documentation available
 - System accepted as fit-for-purpose
 - Stakeholders use the system
 - Operational support in place
- Operational**
 - System available for use
 - System use
 - Agreed service levels supported
- Retired**
 - Replaced or discontinued
 - No further support
 - No subsequent users
 - Updates stopped

Team

- Seated**
 - Members defined
 - Context known and defined
 - Goals/needs known in place
 - Communication defined
 - Responsibilities defined
 - Required competences identified
 - Size determined
 - Communication rules defined
 - Leadership model selected
- Formed**
 - Enough members recruited
 - Roles understood
 - How to work understood
 - Members introduced
 - Individual responsibilities accepted and agreed to
 - Team working model defined
 - External constraints identified
 - Communication rules defined
 - Members selected to team
- Collaborating**
 - Works as one unit
 - Communications open and shared
 - Respected on system
 - Members know each other
- Performing**
 - Consistently meeting commitments
 - Continuously adapting to change
 - Addressing problems
 - Respect and feedback
 - Teamwork
 - Team continuously improved
- Adjoined**
 - Helping others
 - Members available to other teams
 - Mission completed
 - Mission completed

Work

- Initiated**
 - Required input clear
 - Context clear
 - Working conditions known
 - Information available
 - Any existing stakeholders known
 - Measure of working clear
 - Priority clear
- Proposed**
 - Commitment made
 - Clear and well understood
 - Resource capacity understood
 - System context understood
 - Requirements understood
 - Tasks defined and prioritized
 - Communication rules defined
 - Working in place
 - Actual work seen member ready
 - Integration points defined
- Started**
 - Development started
 - Progress monitored
 - Definition of done in place
 - Tasks being progressed
- Under Control**
 - Tasks being completed
 - Progress monitored
 - Progress under control
 - Estimates revised to reflect performance
 - Progress measured
 - Re-work under control
 - Commitments consistently met
- Controlled**
 - Only action tasks left
 - Results achieved
 - Resulting system accepted
- Closed**
 - Lessons learned
 - System available
 - Everything achieved
 - Project reviewed & closed
 - Team released
 - No re-occurring, unassigned tasks

Way of Working

- Principles Established**
 - Team actively support principles
 - Stakeholders agree with principles
 - Team needs agreed
 - Approach recommended
 - Operational context understood
 - Practice is not constantly known
- Foundation Established**
 - Key principles & tools selected
 - Stakeholders agree with principles
 - Team needs agreed
 - Approach recommended
 - Operational context understood
 - Practice is not constantly known
- In Use**
 - Practices & tools in use
 - Regularly improved
 - Respected on team
 - Feedback mechanisms in place
 - Practices & tools support collaboration
- In Place**
 - Used by whole team
 - Accessible to whole team
 - Inspected and adapted by whole team
- Working Well**
 - Feedback programs being made
 - Practices actively applied
 - Team actively support way of working
 - Continuously tuned
- Retired**
 - No longer in use
 - System retired

Rispetto allo sprint precedente si può osservare come il prodotto sia migliorato e abbia soddisfatto quasi tutti i requisiti.

Ci sono state alcune discussioni legittime su team tra collaborating/performing, e in way of working tra in place/working well, risolte ascoltando i pareri di tutti i membri del team

Miglioramenti:

Sono stati effettuati i miglioramenti emersi nella precedente retrospettiva:

- coordinarsi per lavorare in di più sulle stesse US:
- fare meno miglioramenti del prodotto per concentrarsi su ridurre il debito tecnico
- finire con più anticipo

Discussione:

Nella prima settimana non ci sono stati problemi, e il lavoro è proceduto spedito, con cooperazione e comunicazione migliorate rispetto ai precedenti sprint. Seguendo le precedenti indicazioni lo sviluppo è stato terminato a 3 giorni dalla consegna per dare più tempo ai merge, ai test e al deployment.

Il punto più carente sono stati i merge, a causa della combinazione tra refactoring e sviluppo di molte nuove feature da zero. Questi hanno portato molti conflitti che hanno richiesto un'intera giornata di lavoro per essere risolti, ritardando alcuni test.

L'unica cosa che avrebbe permesso di evitare totalmente i conflitti sarebbe stata attendere la fine del refactoring per sviluppare nuovo codice, ma questo avrebbe causato ritardi non in linea con le scadenze prefissate.

Il PO è stato soddisfatto del prodotto e del lavoro svolto, lo SM delle tempistiche interne finalmente rispettate, gli sviluppatori dalla tempestività di tutti nel risolvere i bug trovati. Particolare motivo di soddisfazione è stato il precedente deployment, che non è caduto per una settimana, sintomo dell'assenza di gravi errori, almeno superficialmente.

Ai membri del team in generale non è piaciuto avere tutti questi problemi con i merge, causati anche dall'essersi pestati i piedi a vicenda, avendo lavorato in molti casi sugli stessi file.

Per migliorare, è stato suggerito:

- più coordinazione, intesa anche come accordarsi sugli stili di programmazione
- più smart daily scrum e riunioni in generale

Vista la grande quantità di progressi fatti negli ultimi due sprint il team ha pensato di procedere con lo sprint finale per sistemare gli ultimi dettagli prima della consegna.

Lo *Smart daily scrum* precedentemente inserito ha mostrato la sua utilità in questo sprint a causa del ridotto numero di riunioni in presenza (visti i numerosi impegni esterni al progetto dei membri del gruppo e alla terminazione di alcuni corsi, che ha diminuito le giornate in cui si aveva la partecipazione di tutti).

https://docs.google.com/spreadsheets/d/1VsGrTz0Lb_B9rAwGm7WWf_WEghlfAc6SER903uVxRTs/edit?usp=sharing