Validation Checklist

Jonathan Ahlström   Ossian Gewert   Jacob Jönsson   Simon Persson
André Roxhage   Felix Sundholm

March 6, 2025

ETSN15 Requirements Engineering

Group Gamma - EasyTrip

1. **Overall Validation**

    (a) Are the stakeholders goals and needs covered by the requirements?

    (b) Are the business, domain, product and design level goals covered by the requirements?

    (c) Are the requirements justified?

    (d) Are the requirements aligned with user and business needs?

    (e) Are the system boundaries and requirements defined?

    (f) Are the goals covered by the requirements?

    (g) Are the requirements testable?

    (h) Are the requirements complete?

    (i) Are the requirements consistent?

    (j) Are the requirements traceable?

    (k) Are the requirements feasible?

    (l) Are the requirements unambiguous?

    (m) Are the requirements verifiable?

    (n) Are the requirements clear and concise?

2. **Quality Validation**

    (a) Does the requirements specifications cover performance?

    (b) Does the requirements specifications cover usability?

    (c) Does the requirements specifications cover safety and security?

    (d) Does the requirements specifications cover reliability?

    (e) Does the requirements specifications cover availability?

    (f) Does the requirements specifications cover fault-tolerance?

    (g) Does the requirements specifications cover maintainability?

    (h) Does the requirements specifications cover portability?

    (i) Does the requirements specifications cover scalability?

    (j) Does the requirements specifications cover interoperability?

    (k) Does the requirements specifications cover compliance?

(l) Does the requirements specifications cover privacy?

3. **Special case Validation**

   (a) Does the requirements specifications cover data visualization?

   (b) Does the requirements specifications cover data aggregation?

   (c) Does the requirements specifications cover the heatmap of destinations with cheap flights?

   (d) Does the requirements specifications cover the list of destinations with cheap flights?