

Master thesis at NTNU

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M.Sc. in Computer Science



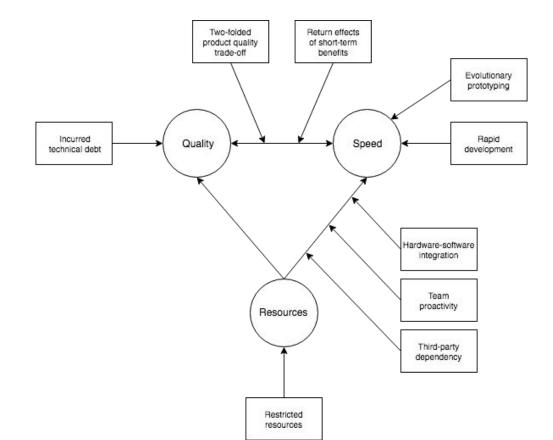
- 5 year Master's degree
 - Field of study (3rd year)
 - Software: How to develop and use computer systems in organisations
 - Specialization (4th year)
 - Software/Information systems

Master thesis



- Literature review
 - "Software Startup Engineering: A systematic mapping study"
 - ELSEVIER Journal of Systems and Software
- Data analytics in hardware startups
 - "The Role of Data Analytics in Startup Companies: Exploring Challenges and Barriers"
 - I3E Conference (The 17th IFIP Conference on e-Business, e-Services and e-Society, Challenges and Opportunities in the Digital Era)
- Thesis
 - "Development Approach of Hardware Startups: The Trilateral Hardware Startup Model"
 - Research objective: Investigating the role of engineering activities, influencing development speed and agility. Explore commonalities, challenges and situational factors.
 - Interviewing 13 hardware startups

The proposed model



Implications and Future Work

- Improved understanding of the hardware startup context
- Privacy and security issues related to collection of personal data
- Hardware startups should give more attention to quality
 - How to ensure quality working with restricted resources
 - How to ensure product integrity during prototyping
- Generalize results to a larger startup population
 - e.g., markets, lifecycle stages, location

Studying in Trondheim

Keywords

- Friendship
- Study trip to Japan
- Physical activities disc golf
- Student Organizations Abakus, NTNUI
- Mountain trips



Study Abroad

- Partnership with 500 universities from 100 countries
- University of New South Wales
 - Sydney, Australia
 - New friends from around the World
 - UNSW Football Team



