

LULEÅ TEKNISKA UNIVERSITET

Sprint 3

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December 15, 2016

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Summary

User stories

Användare

- Butiksadministratör
 - r/w priser
 - r/w kampanjer
 - r/w lagerstatus
 - r/w kategorier
 - r leveransstatus
 - r kundinfo
- Lagerarbetare
 - r/w lagerstatus
 - r/w leveransstatus
 - r kundinfo
- Inloggad kund
 - r/w sin egen kontaktinformation
 - läsa sin egen orderhistorik
 - läsa sortimentet (produkter, priser, kampanjer, lagerstatus)
 - lägga orderar
 - ? Spara/skicka kundkorg
- Ej inloggad kund
 - läsa sortimentet (produkter, priser, kampanjer, lagerstatus)
 - lägga orderar
 - ? skicka kundkorg (e-post)

See Figure 1 - 4

System architecture

During development we run the system on Ruby on Rails (RoR) built in web server Puma and sqllight3 for simplicity, but intend to move to a MariaDB database and a NGINX webserver with Phusion Passenger for RoR. We host the servers ourselves because it seemed seemed fun, educational and fairly simple.

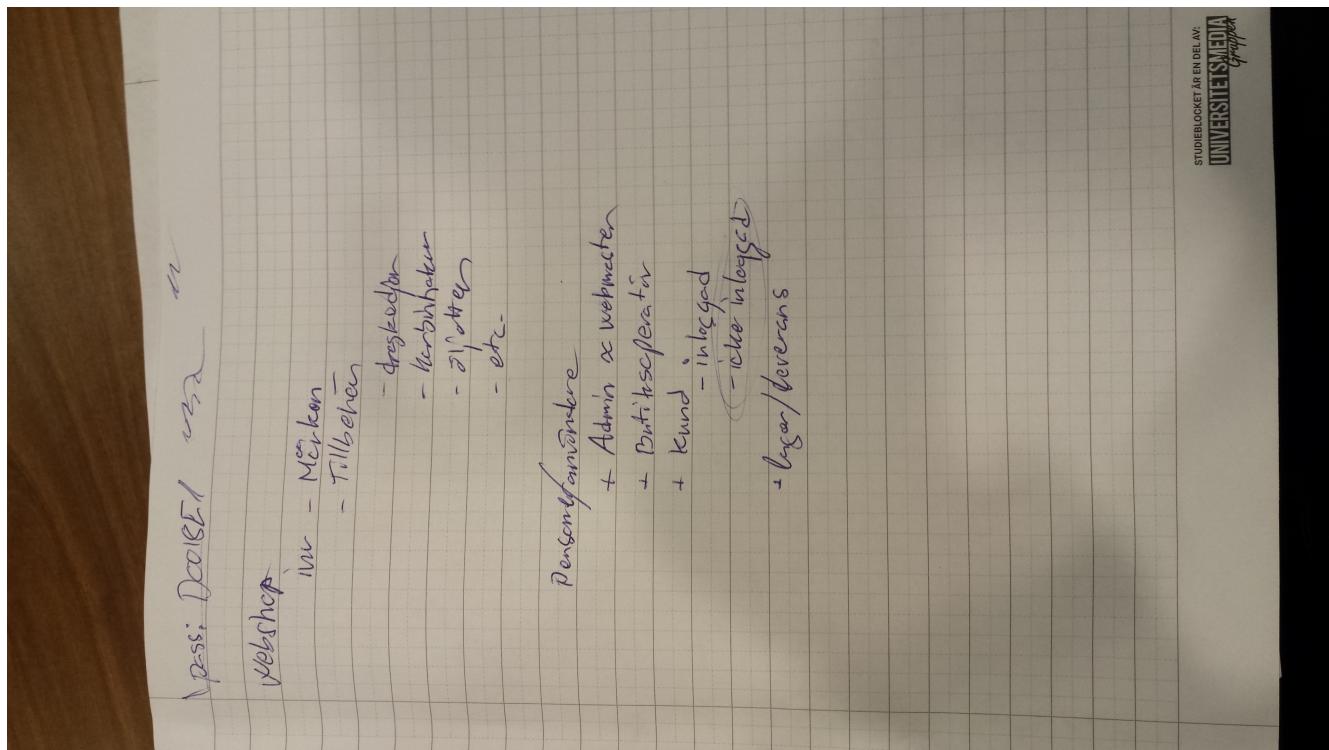


Figure 1

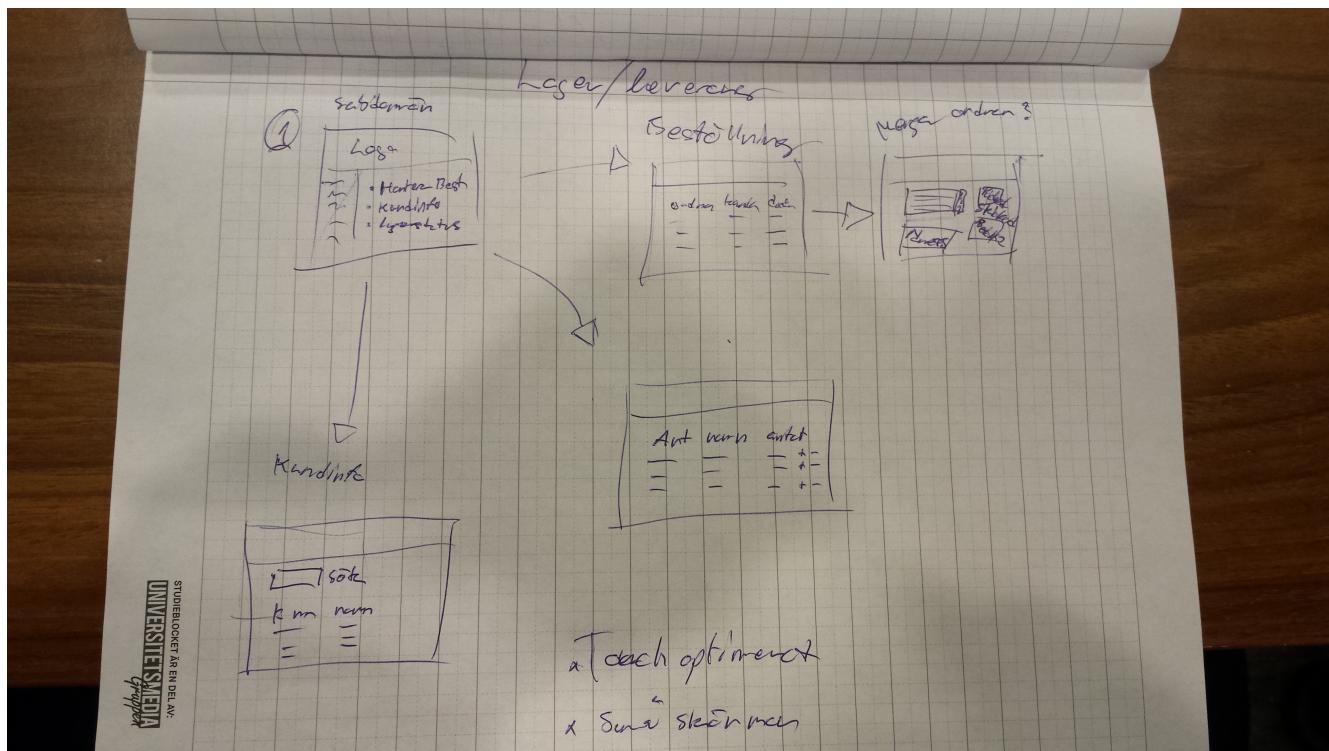


Figure 2

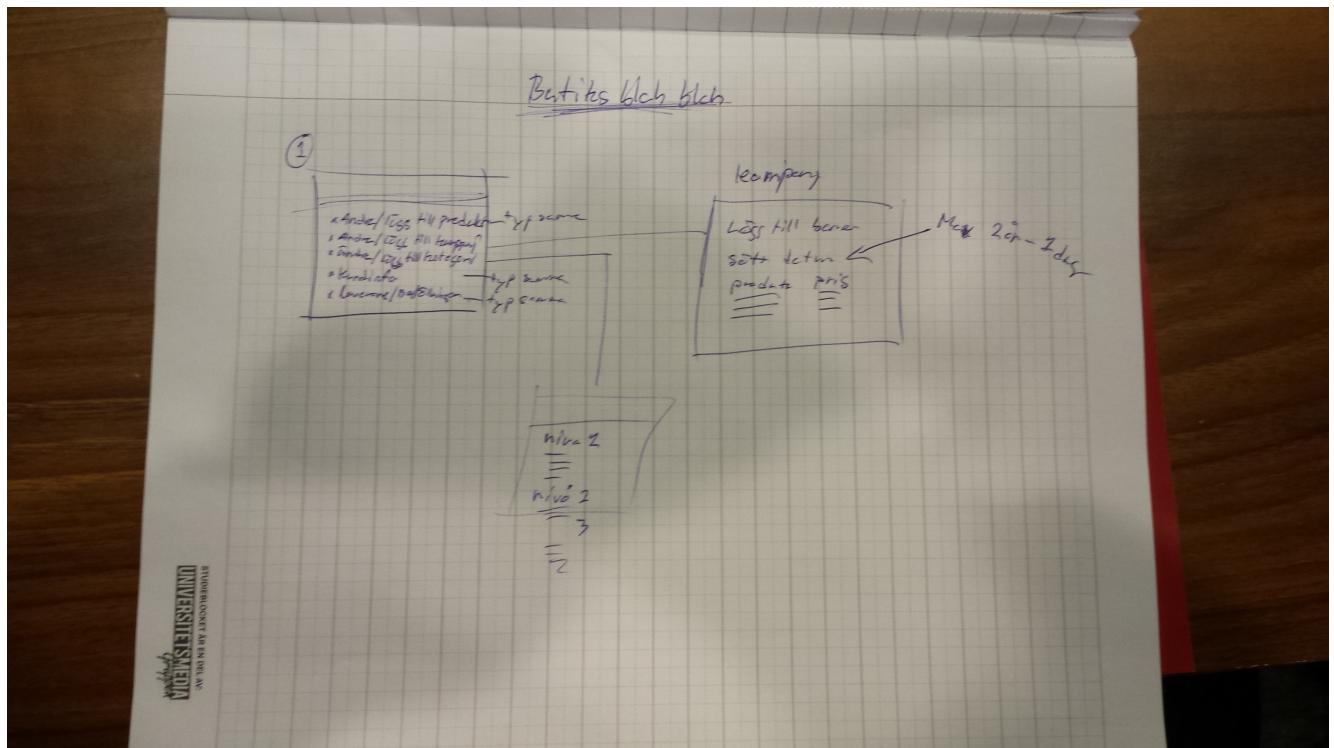


Figure 3

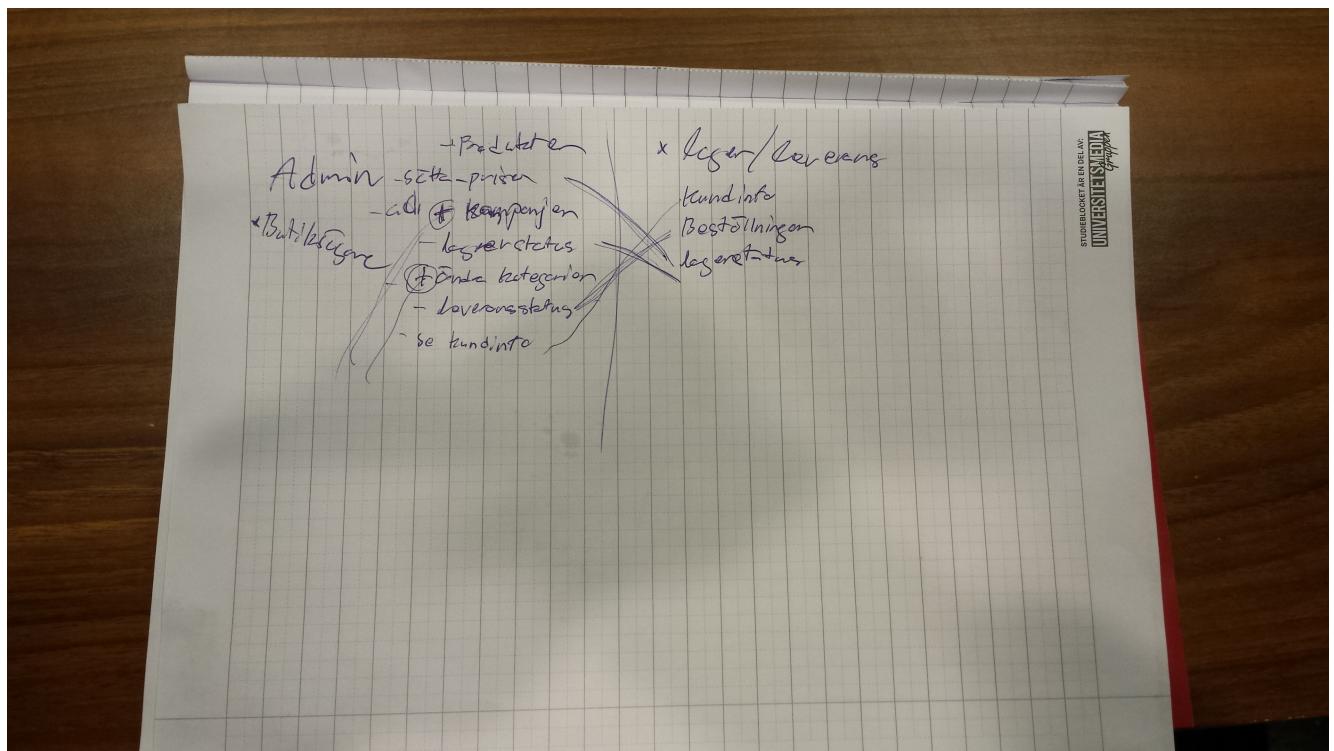


Figure 4

Backlog

#	Title	Priority	Time est.	Description
301	Startsida	100	2	
302	Dynamisk meny från kategorier	90	2	
304	Produktsida	110	4	
305	Kundkorg	80	8	
306	Betalsida	5	12	
307	Profilsida (kundkort)	45	2	
308	Orderhistorik	45	1	
309	Kundinlogg	50	2	
310	Registrering	60	4	
311	Produktsökning	45	1	
400	Backendinloggning	25	2	
401	Backendinterface	10	2	
403	Kategorisida	35	4	
407	Kundinformation	25	1	
410	Kampanjhantering	10	3	
1	Personnummer -/+ hantering	5	1	

Planing is done at Trello.com <https://trello.com/b/JxDCHBcm>

Database schema

See Figure 5

Code

All code is available at github. <https://github.com/nikalas/D0018E-Databasteknik.git>

Test case specifications

Limitations and improvements

We decided to put off saving payment methods and/or information. Might end up readding it to the backlog if it looks like we will have time to spare.

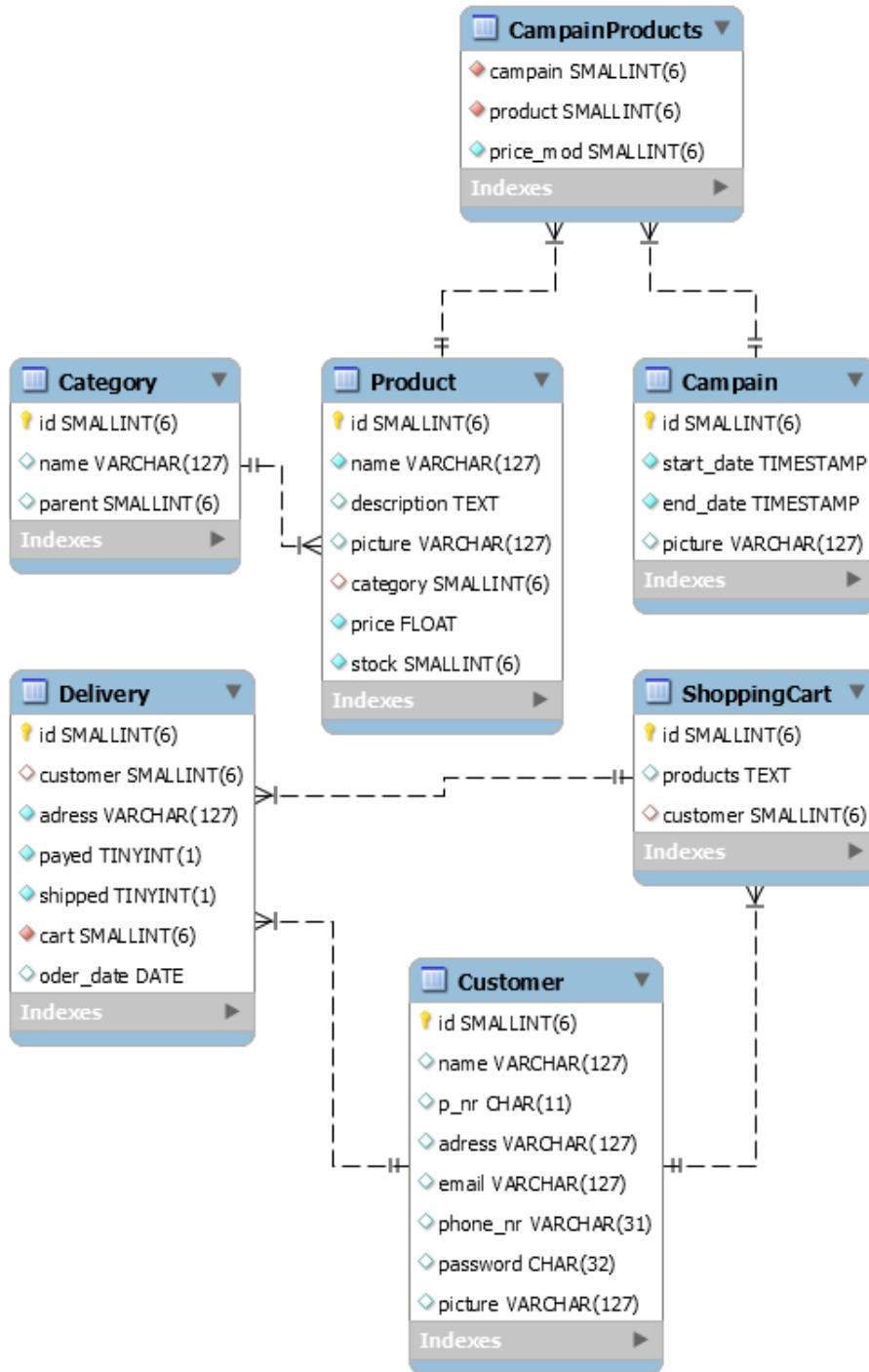


Figure 5: Database design.