Anastasis

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Main Points

https://anastasis.lu/

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Human planning

Belen	UX design
Vaishnavi	Backend
Florian	Android Frontend
Christian	Gtk+ Frontend & Crypto
Dennis	REST frontend
Dominik	REST backend
Berna	Business

Timeline

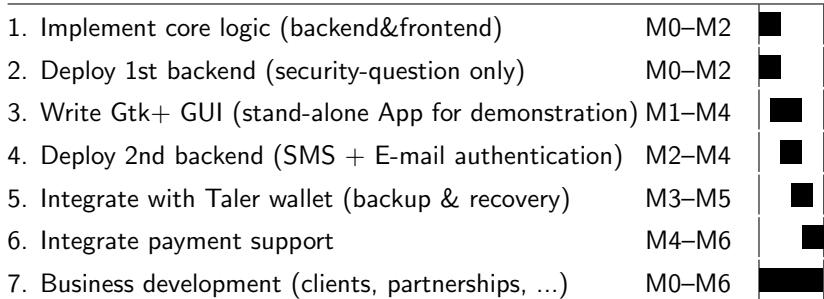|		
1. Implement core logic (backend&frontend)	M0–M2	■
2. Deploy 1st backend (security-question only)	M0–M2	■
3. Write Gtk+ GUI (stand-alone App for demonstration)	M1–M4	■
4. Deploy 2nd backend (SMS + E-mail authentication)	M2–M4	■
5. Integrate with Taler wallet (backup & recovery)	M3–M5	■
6. Integrate payment support	M4–M6	■
7. Business development (clients, partnerships, ...)	M0–M6	■■

Figure: Gantt chart.

Challenges

- ▶ Collecting payments:
  - ▶ integration with Stripe
  - ▶ integration with PayPal
  - ▶ integration with Blockchain
- ▶ Localization (need advice from residents in each EU country & translations) – **dyne?**
- ▶ Customer acquisition – **you?**

Do you have any questions?

References:

1. Dennis Neufeld and Dominik Meister. *Anastasis: Password-less key recovery via multi-factormulti-party authentication*. **BFH, 2020**.

2. Christian Grothoff, Bart Polot and Carlo von Loesch. *The Internet is broken: Idealistic Ideas for Building a GNU Network*. **W3C/IAB Workshop on Strengthening the Internet Against Pervasive Monitoring (STRINT)**, 2014.

3. Phillip Rogaway. *The Moral Character of Cryptographic Work*. **Asiacrypt**, 2015.