

COMP537 IUI

Term Project Proposal

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Proposal 1

Personal Font & Signature Generator

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Греческия Численна $\zeta_1, \zeta_2, \psi, \psi, \theta, \pi, \nu, \nu, \nu, \nu.$

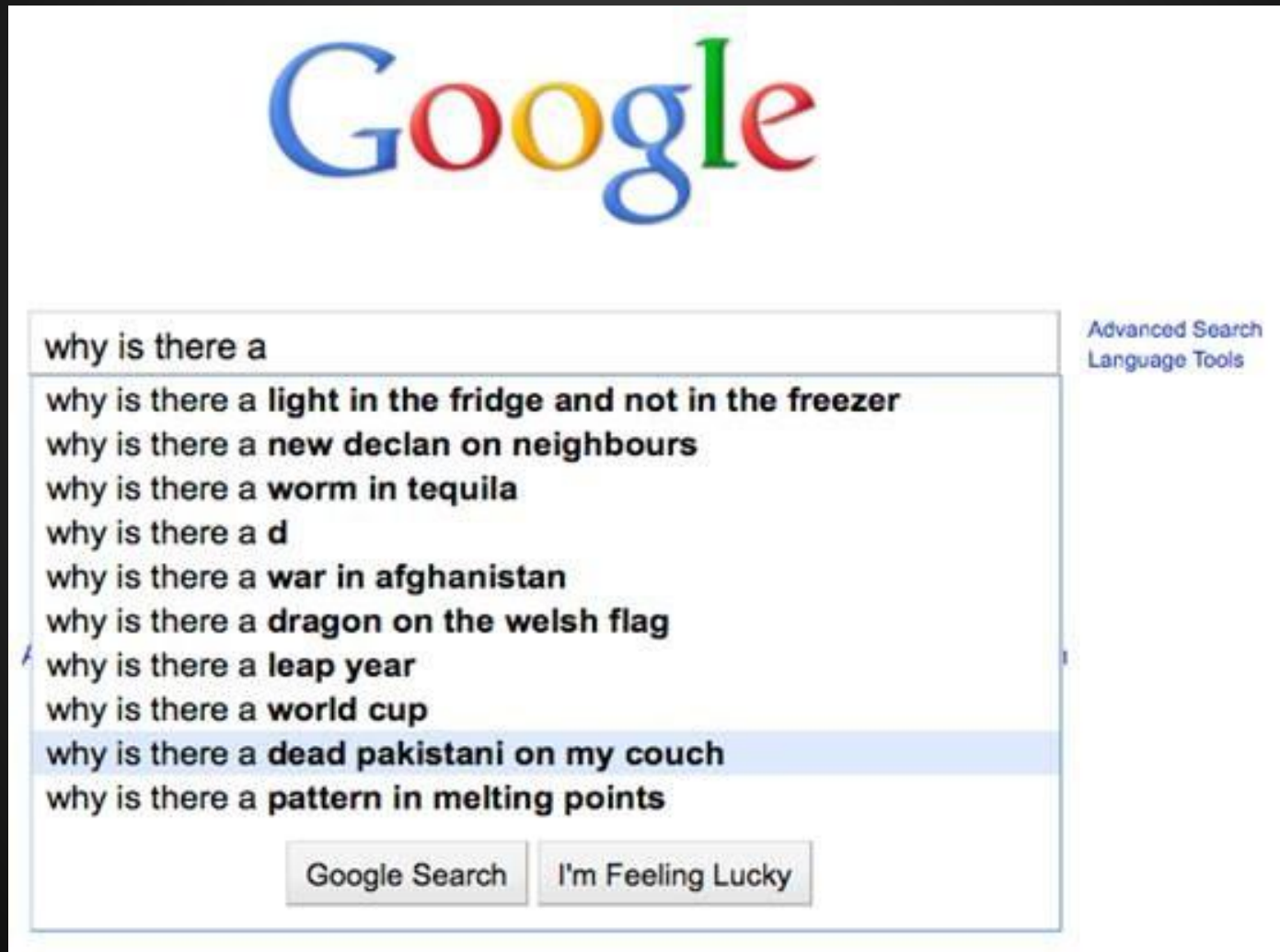
1 . 2 . 3 . 4 . 5 . 6 . 7 . 8 . 9 . 10 . 11 . 12 . 13 . 14 . 15 .
16 . 17 . 18 . 19 . 20 . 30 . 40 . 50 . 60 . 70 . 80 . 90 . 100 .
105 . 130 . 160 . 507 . 1000 . 5642 . 8931 . 64329 . 10674300

What is it and what does it solve and how?

- A system that generates personal font style for users
- It could be used to solve online signature problem for paperwork as a web service
- I will use Restricted Boltzmann Machine : generative neural network using the data collected from the user

Proposal 2

Fast Typing with Autocomplete



What is it and what does it solve?

- Autocomplete systems try to reduce the number of keystrokes with suggesting text
- The best way to achieve this : no stroke at all!
- User will choose the suggested words by looking at the word, the system will detect the gaze using the webcam
- Is it feasible?

Is it feasible? Maybe..

