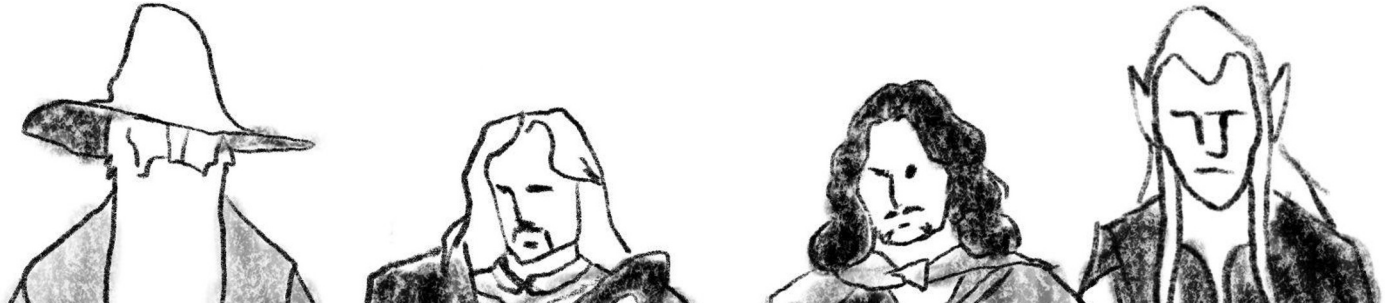
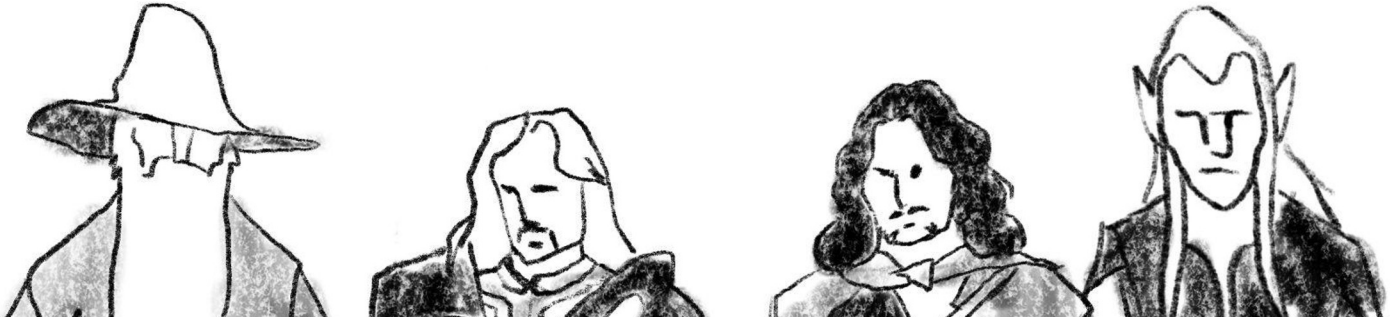
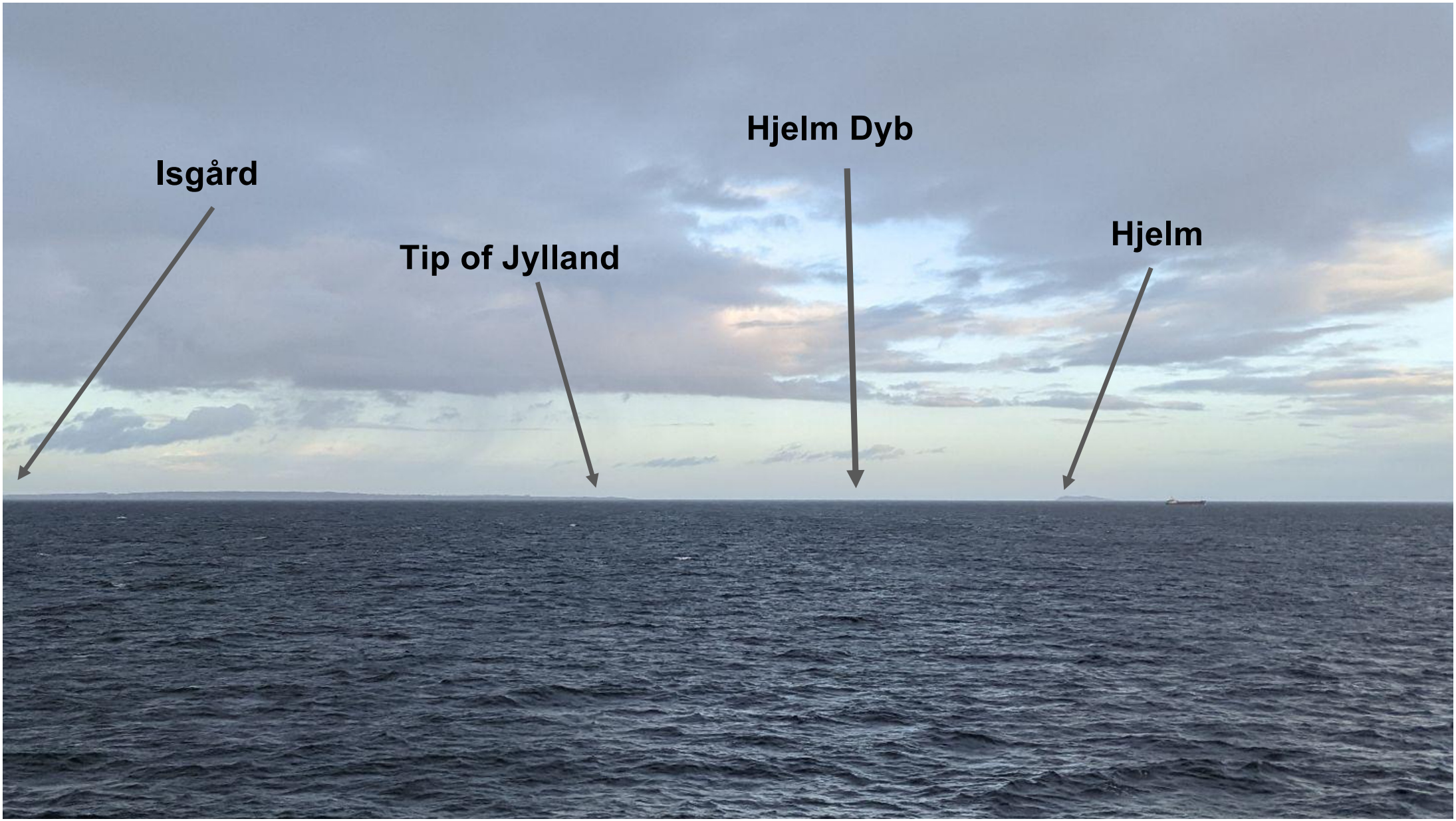


What we (should have) learned from Lord of The Rings

Aino Vonge Corry, PhD.
Metadeveloper



Illustrations by Maja Vonge Cornils, CS student and artist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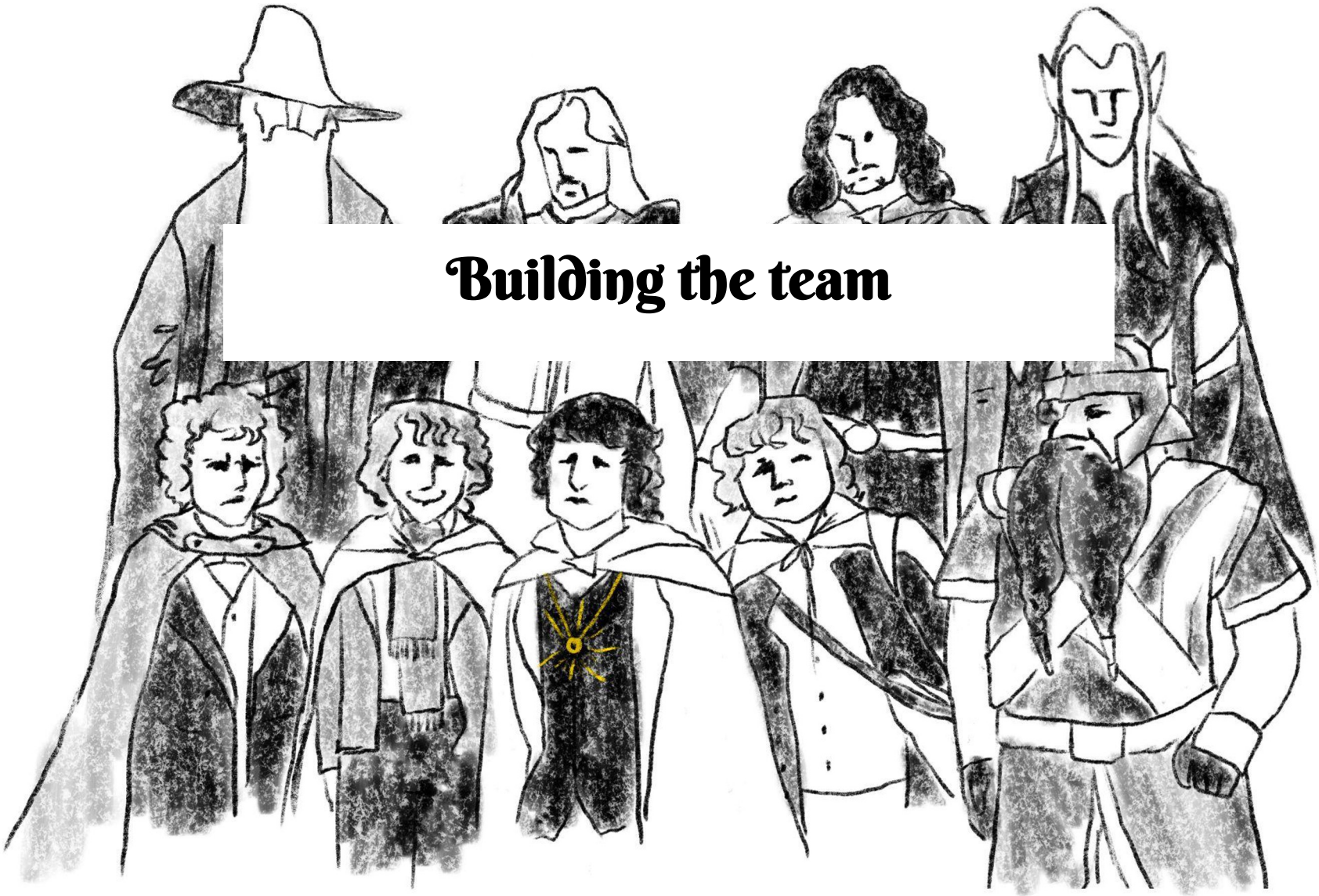
Tip of Jylland
Hjelm Dyb
Hjelm



Building the team

The project

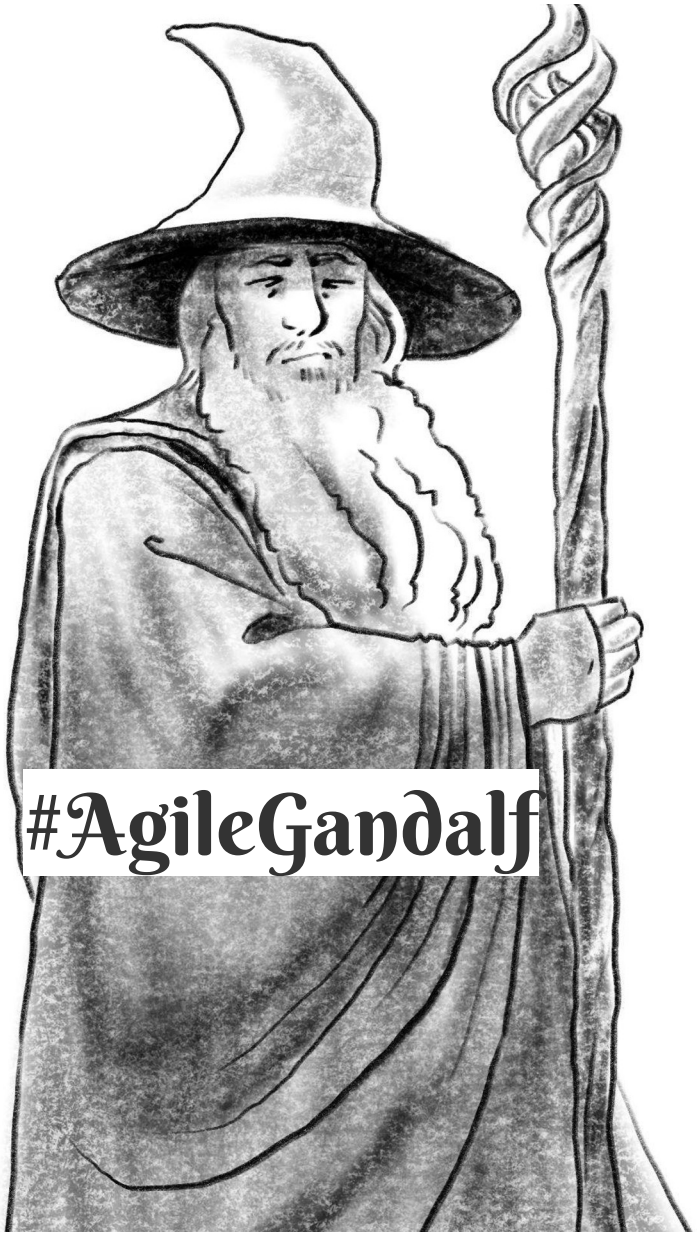
“Just pop the ring in the hot stuff!”

One does not simply
walk into Mordor...

“I will take the Ring,
though I do not know the way.”

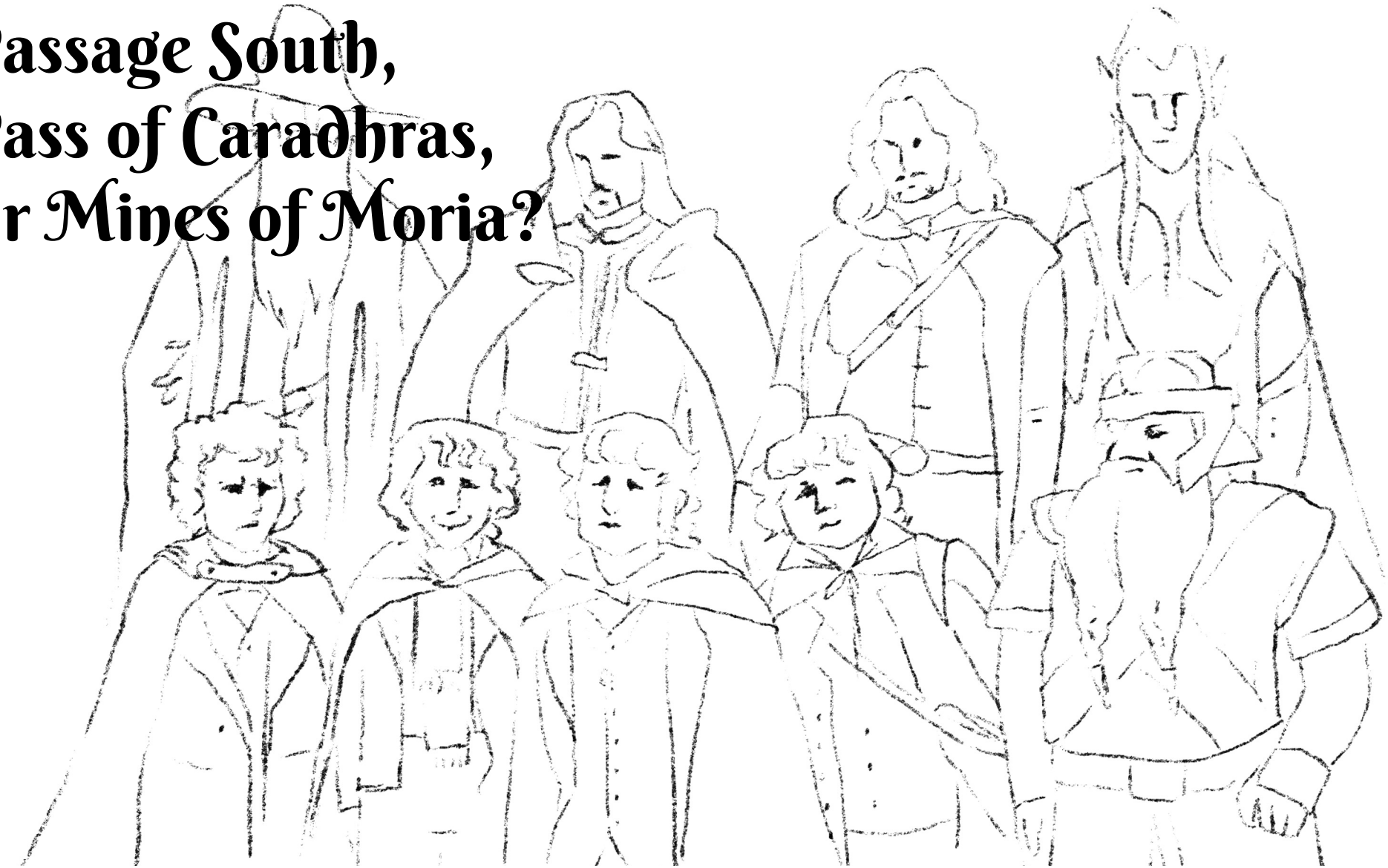
— Frodo

“All we have to decide is what to do with the time that is given us.”



Cross-functional team?

Passage South,
Pass of Caradhras,
Or Mines of Moria?



“Fool of a Took! Throw yourself in next time, and then you will be no further nuisance.”

— Gandalf

"Men? Men are weak."

– Elrond

“Never trust an elf!!”

– Gimli

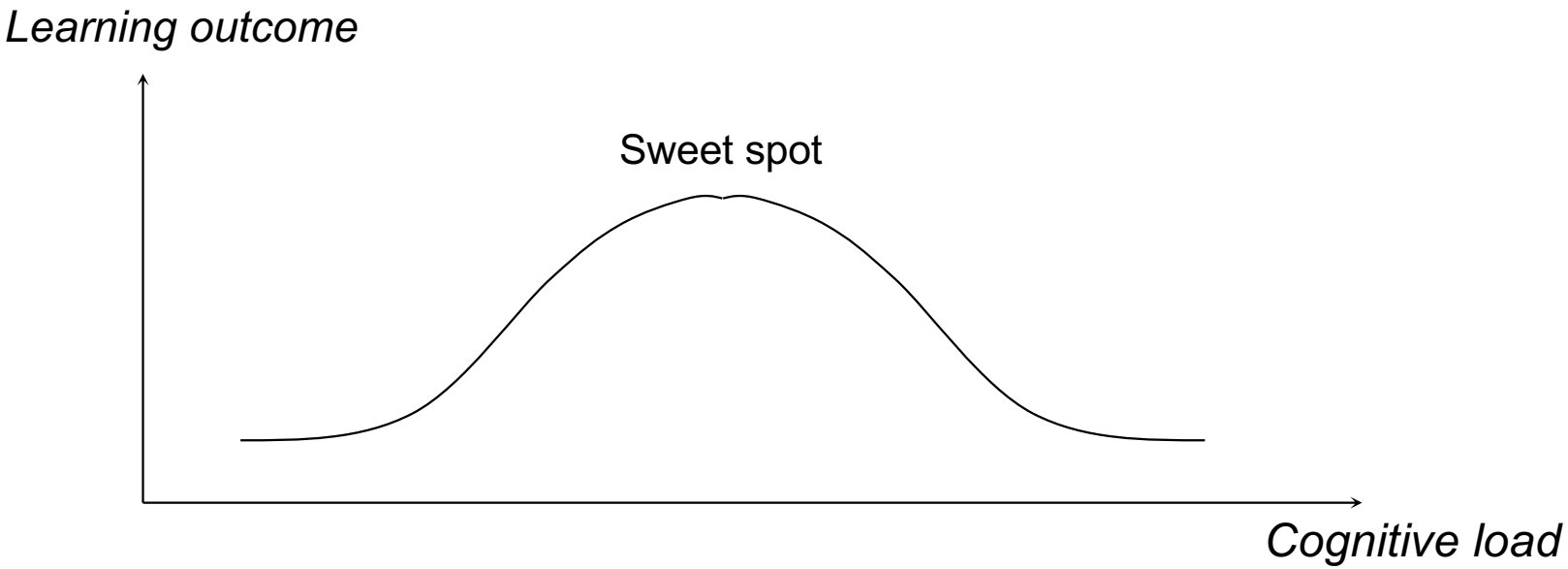
Nazgul, orcs, trolls, Balrog

Sharing?

Cognitive Load Theory

1982

John Sweller
(1946 —)

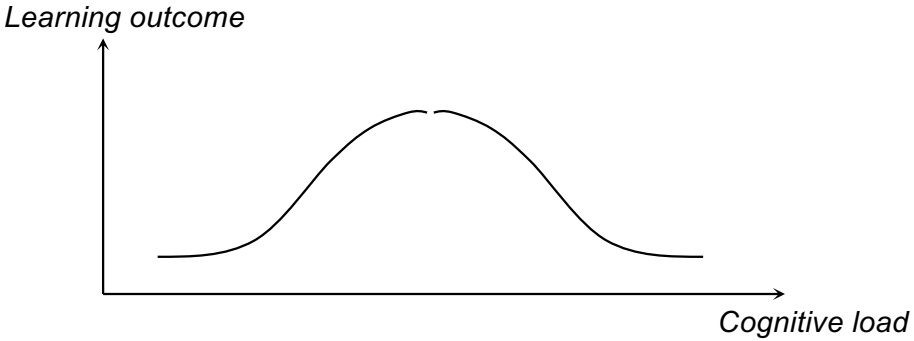


Cognitive Load Theory
1982

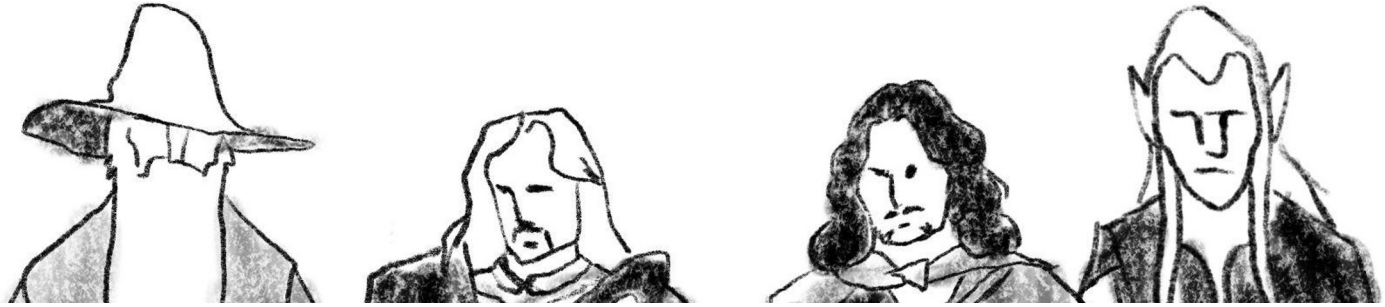
John Sweller
(1946 —)

- **Intrinsic cognitive load (I)**
  - cognitive load intrinsic to the problem that cannot be reduced without reducing understanding
- **Extraneous cognitive load (E)**
  - a non-intrinsic cognitive load caused by instructional procedures that interfere with rather than contribute to learning
- **Germane cognitive load (G)**
  - a non-intrinsic cognitive load that contributes to, rather than interfere with, learning by supporting schema acquisition

Load L = I + E + G

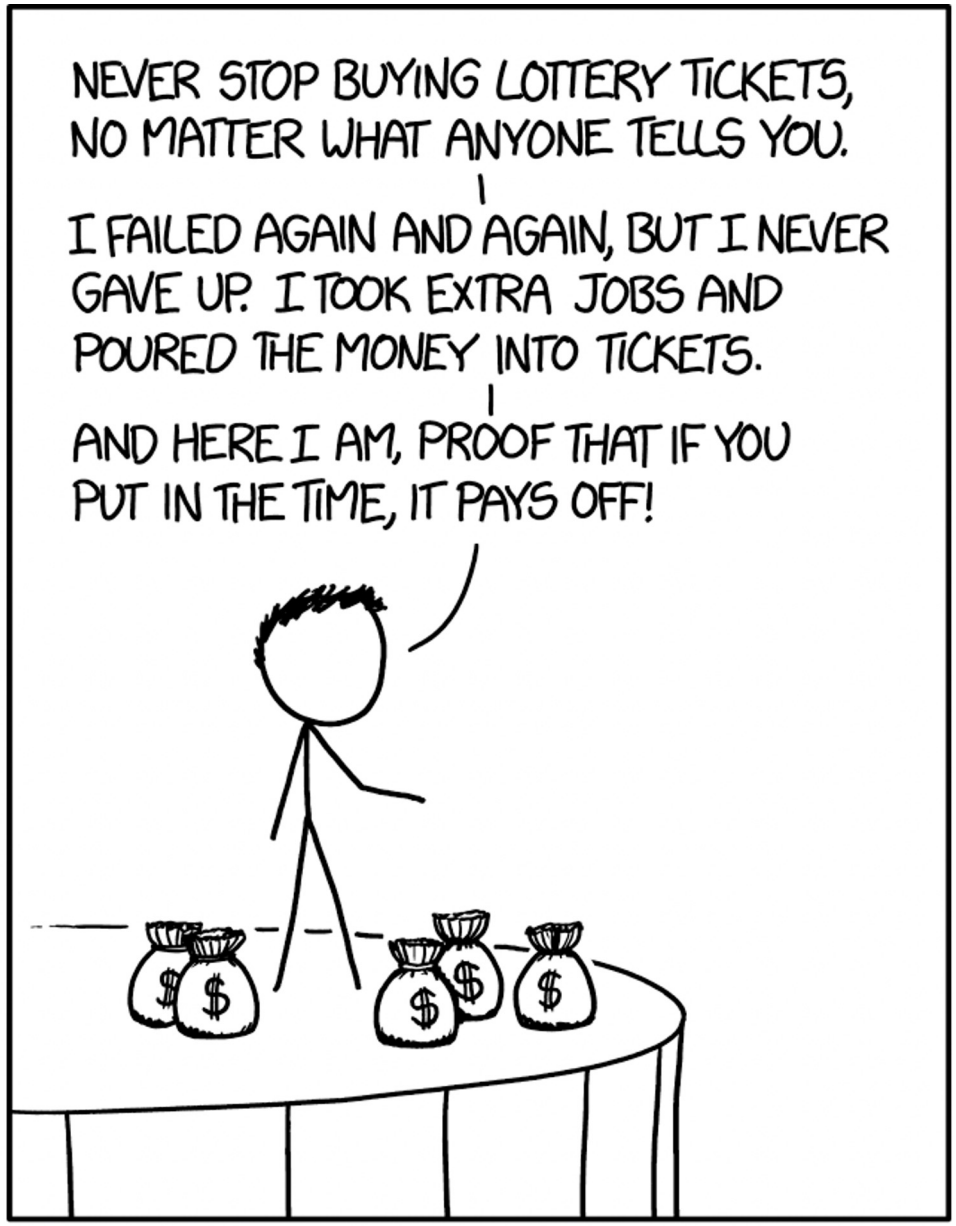


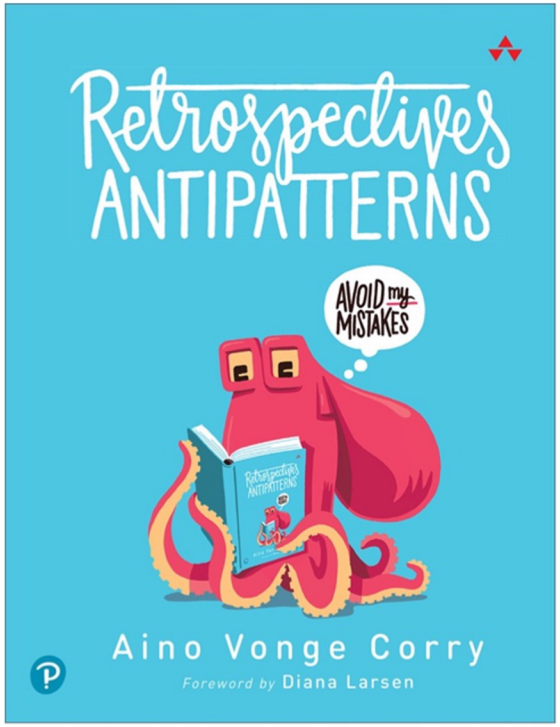
Optimize learning:
minimize E, maximize G



What we (should have) learned from Lord of The Rings

XKCD 1827


NEVER STOP BUYING LOTTERY TICKETS, NO MATTER WHAT ANYONE TELLS YOU.
I FAILED AGAIN AND AGAIN, BUT I NEVER GAVE UP. I TOOK EXTRA JOBS AND POURED THE MONEY INTO TICKETS.
AND HERE I AM, PROOF THAT IF YOU PUT IN THE TIME, IT PAYS OFF!



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