QUALITY ASSESSMENT OF LOD FOR POTENTIAL DUAL USE

Project in Supervision of Harsh Thakkar

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INTRODUCTION

- IMPORTANCE OF DOCUMENTATION
  - New developers
  - Tuning and updating

OVERVIEW OF OUR STRATEGY

- KEEP THE DOCUMENTATION SIMPLE AND CONCISE WITHOUT OVERLOADING THE USER WITH SO MUCH INFORMATION OR PAPERS.
- OVERVIEWS, ROADMAPS AND FIGURES ARE GENERALLY PREFERRED OVER DETAILED DOCUMENTATION IN OUR STRATEGY.

OVERVIEW OF OUR STRATEGY

Technical System Documentation	
Code	Architectural components
Simple & Concise	
Make use of figures	
Having shared ownership of all Documentations	
Light Documenting	High level overview
Full documenting after stabilization of feature	Update when it hurts
Documentation with user knowledge in mind	Late Documentation
All Documentation in one place	

TECHNICAL SYSTEM DOCUMENTATION: CODE

- DURING CODING, WE WILL DOCUMENT HEADLINES AND MAIN POINTS.
- WE WILL DOCUMENT A LITTLE BIT, SHOW IT TO OUR MENTOR, GET FEEDBACK, ACT ON THAT FEEDBACK, AND THEN ITERATE AGAIN.

TECHNICAL SYSTEM DOCUMENTATION: CODE

- AFTER A FEATURE IS STABILIZED WE WILL WRITE A COMPLETE DOCUMENTATION CONTAINING INFORMATION ABOUT THIS FEATURE, I.E. THE FULL DOCUMENTATION WILL BE DEFERRED UNTIL THE FEATURES IS FULLY WORKING.

TECHNICAL SYSTEM DOCUMENTATION: CODE

- USE MODELS AND FIGURES WHEN CREATING DOCUMENTATION WITH KEY FEATURES.
- DETERMINE WHO IS THE USER OF THE DOCUMENTATION WHETHER IT IS A NORMAL PERSON OR AN IT PERSON FOR EXAMPLE.

TECHNICAL SYSTEM DOCUMENTATION: CODE

- WHILE CODING WE WILL MAKE A BRIEF EXPLANATION OF EACH FEATURE (COMMENTS), AND AT THE END WE WILL HAVE ALL DOCUMENTATION OF THE PROJECT IN ONE PLACE.

TECHNICAL SYSTEM DOCUMENTATION: RESPONSIBILITIES REGARDING CODE

- CREATING CATEGORIES DATABASE (OLA & AMAL)
- CREATING PROFILES (ALI & MOHAMMAD)
- DEVELOP TOKENIZATION+ LOGGING PROCESS (ALI)
- DEVELOP SPARQL QUERY (AMAL)
- DEVELOP DUAL USE METRICS (MOHAMAD)
- DEVELOP A CRITERIA TO GENERATE QUALITY REPORT (OLA)

TECHNICAL SYSTEM DOCUMENTATION: ARCHITECTURAL COMPONENTS

- DUAL-USE SYSTEM
- PROFILING

TECHNICAL SYSTEM DOCUMENTATION: ARCHITECTURAL COMPONENTS

- DOCUMENTATION: HIGH-LEVEL OVERVIEW
- UPDATE THE DOCUMENTATION ONLY WHEN IT IS NEEDED, TRACE THE UPDATES ON THE COMPONENTS WITH UP TO DATE NOTES (ADD, MODIFY)
- DEFER THE CREATION OF FULL DOCUMENTATION AS LATE AS POSSIBLE PREFERABLY TILL THE COMPONENT IS STABLE

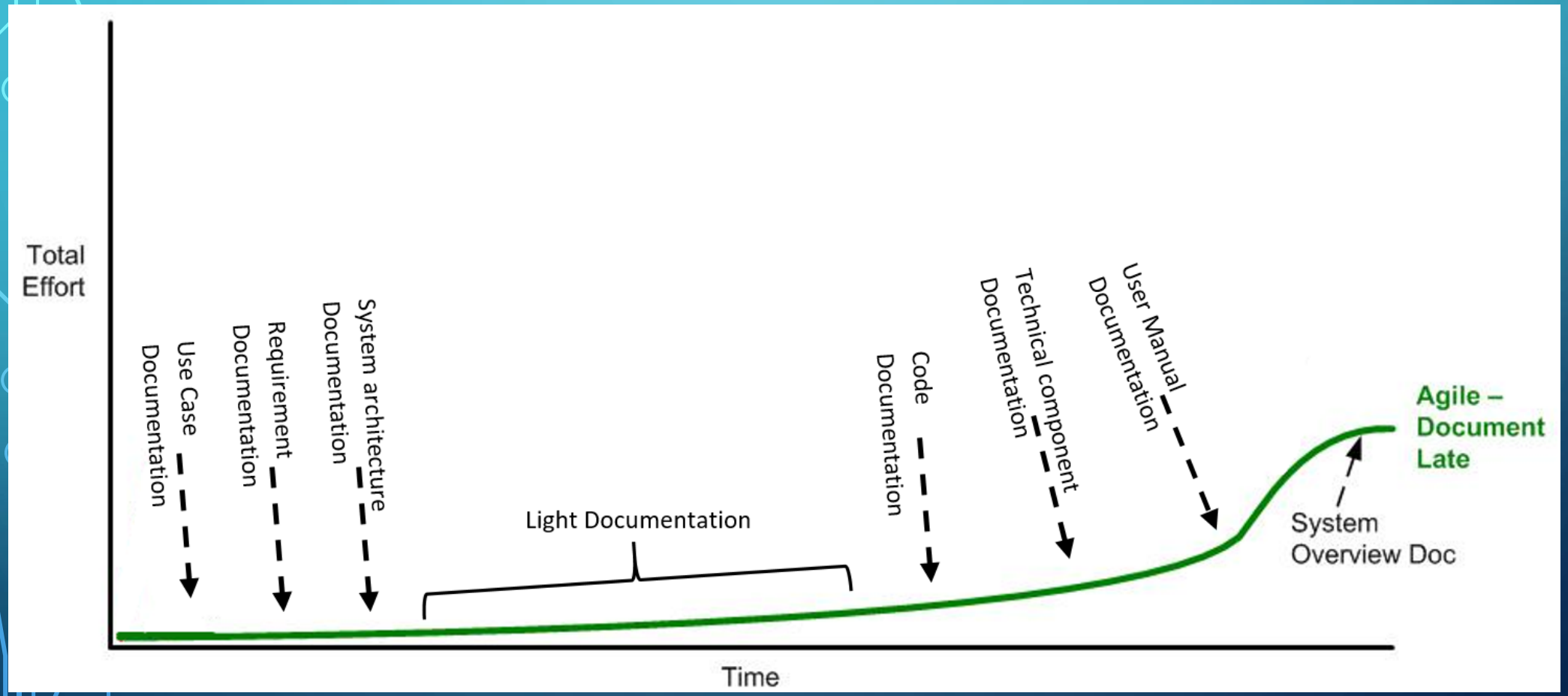
TECHNICAL SYSTEM DOCUMENTATION: ENTIRE DOCUMENTATION

- HAVE SHARED OWNERSHIP OF ALL DOCUMENTATION SO THAT EVERY MEMBER OF THE TEAM CAN WORK ON THEM.

END-USER SYSTEM DOCUMENTATION: A USER MANUAL

- OUR SYSTEM IS A PLUG-IN TO A QA SYSTEM, THEREFORE OUR TARGETED USERS ARE BACK-END DEVELOPERS WHO ARE FAMILIAR WITH 'IT' PRINCIPLES.
- IT WILL BE A SIMPLE, CONCISE AND CLEAR DOCUMENTATION FOR THE PLUG-IN.

DOCUMENTATION THROUGHOUT THE SDLC



DELIVERY

- WE WILL PROVIDE AN HIGH LEVEL OVERVIEW WITH MINIMAL DETAILS, UNLESS A SPECIFIC DOCUMENTATION IS REQUESTED BY THE CUSTOMER.

THANK YOU FOR LISTENING
QUESTIONS?