

LEARNING IN THE DIGITAL ERA

- Assignment 1 E: Portfolio
- Abdul majid (2534504)
- CertHe Computing skill for work place

Contents

Task 1a 2

Task 1B..... 3

REFERENCES..... 4

I

Task 1a

Essential skills for Software Engineering

Software engineering demands a balanced combination of technical skills, analytical thinking and working as a team player, which supports both professional growth and academic success. You will need core technical skills like programming languages and software design patterns. You also need to be good at database management and version control. All these skills form the foundation for building applications. computer systems have come to dominate not just our technological growth, but the foundations of our world's major industries. This text seeks to lay out the fundamental concepts of this huge and continually growing subject area in a clear and comprehensive manner.[3]

An effective software engineering process is a key factor in enabling a business to gain competitive edge, particularly when the business heavily utilises critical real-time systems. In such cases, real-time software developers must be capable of using the latest software engineering technologies.[2]



Fig 1 describes the programming and production that goes into the software

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EMPATHY AND MANAGING EMOTIONS : THE HUMAN SIDE OF SOFTWARE ENGINEERING

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COURSE: LIVING IN THE DIGITAL ERA

• INTRODUCTION

Software engineering is not only technical but is also people focused profession. In your professional life you will come across people from all walks of life and just technical will not be enough. *Empathy and managing emotions*

Help you understand people better and work smoothly with colleagues, stay calm under pressure.

WHAT IS EMPATHY?

The ability to understand and share the feelings and perspectives of others



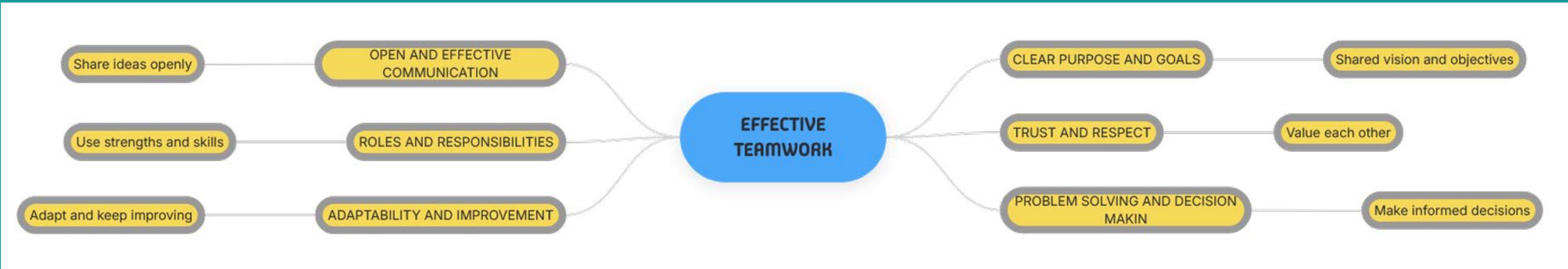
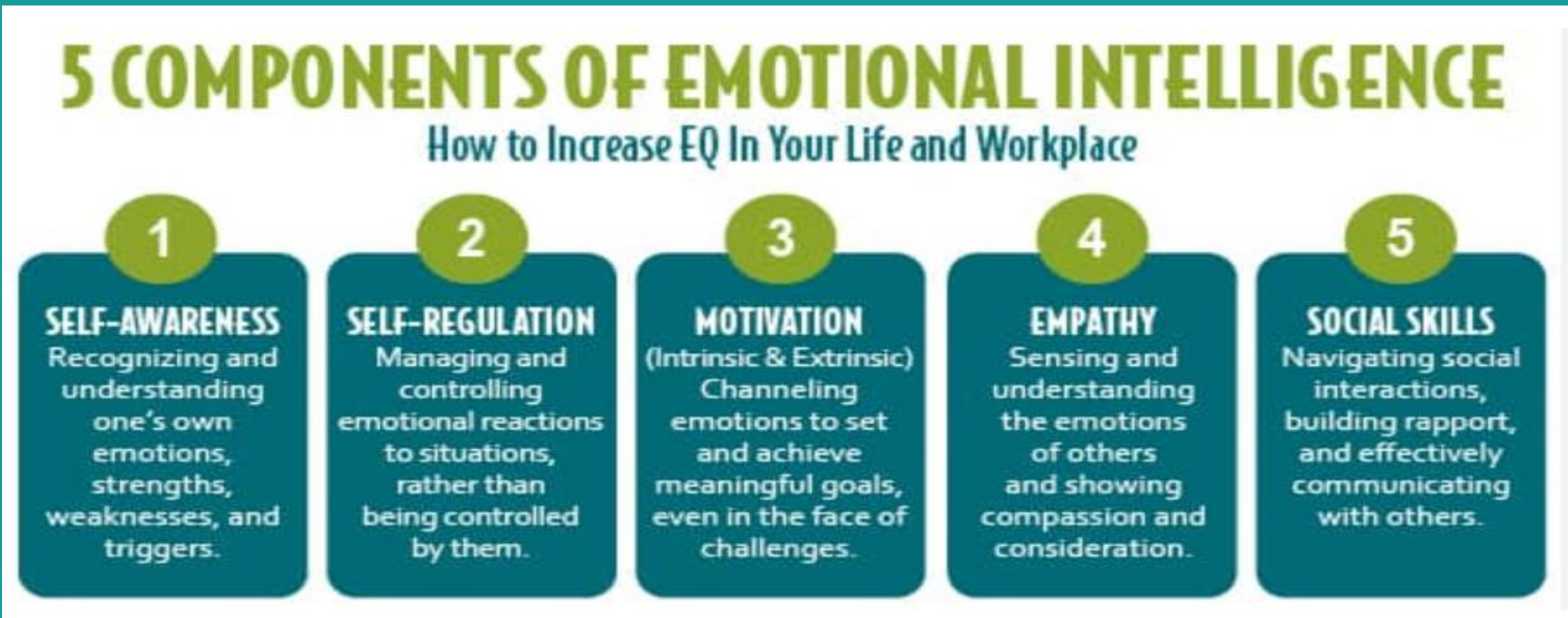
WHAT IS MANAGING EMOTIONS?

Looking at your own feelings and responding thoughtfully instead of reacting impulsively.

EFFECTIVE TEAMWORK

Effective teamwork in the workplace relies heavily on

Empathy and Managing



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