

## Criterion A - Planning

### Problem Statement

Mr. Ashish Narayan is having difficulty managing dates and deadlines in both his personal and official life, especially as he works with different time zones.

*Word count: 25*

### Description of Scenario

This client, Ashish Narayan, is the Programme Coordinator at ITU Regional office of Asia Pacific, as he mentions in the initial interview<sup>1</sup>. He is a father of two children, with a daughter in 12th grade and a son in 6th grade. He lives in Bangkok, Thailand, however, he communicates and works with individuals from a variety of countries in the Asia Pacific region. He faces challenges as he works with international communities. Additionally, keeping track of deadlines in both is official and personal life.

*Word count: 85*

### Rationale for the Proposed Problem

The solution for the problem discussed above is a programme that helps Mr. Narayan keep track of all important dates and deadlines as this was something he struggled with in his busy lifestyle<sup>2</sup>. Additionally, this programme should allow him to simultaneously look between various time zones he is working with, as he suggested in his initial interview<sup>3</sup>. Developing a program is the most efficient way to provide Mr. Narayan with a suitable program.

The use of Java Netbeans provided me with a platform and language I am familiar with. In addition, the use of Netbeans allows the implementation of Object Oriented Programming which can be extremely useful for the development of this program.

It also works in a variety of environments which can make it easier for the client, Mr. Narayan. Being able to run in different environments can be useful because even though Mr. Narayan is the only client for this Internal Assessment, this program can be useful to other individuals in a similar situation.

*Word count: 169*

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<sup>1</sup> Ashish Narayan, interview by author, Bangkok, November 23, 2019, audio recording 0:45, Appendix

<sup>2</sup> Ashish Narayan, interview by author, Bangkok, November 23, 2019, audio recording 3:55, Appendix

<sup>3</sup> Ashish Narayan, interview by author, Bangkok, November 23, 2019, audio recording 4:30, Appendix

## Success Criteria

### a. What the Program Will Do

- Data can be input, stored, sorted, displayed, searched
- Keep track of dates, deadlines and provide appropriate warnings and notifications
- User should be able to have members of family view and add to any deadlines and due dates<sup>4</sup>
- Be able to keep track of bills, taxes, fees, subscriptions, etc all in one place<sup>5</sup>
- Allow user to select time zones then display all times simultaneously<sup>6</sup>
- The user should be able to input a time from any specific time zone then be able to see when that would be in the selected time zones they are working with.<sup>7</sup>

### b. User Friendly Features

- All text fields for input are labeled appropriately and clearly
- Calendar layout for date selection

*Criterion A Word Count: 279*

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<sup>4</sup> Ashish Narayan, interview by author, Bangkok, November 23, 2019, audio recording 5:50, Appendix

<sup>5</sup> Ashish Narayan, interview by author, Bangkok, November 23, 2019, audio recording 2:57, Appendix

<sup>6</sup> Ashish Narayan, interview by author, Bangkok, November 23, 2019, audio recording 0:55, Appendix

<sup>7</sup> Ashish Narayan, interview by author, Bangkok, November 23, 2019, audio recording 2:57, Appendix