Design and Analysis of Algorithms

Case Study: Day-Today Activities

Consider the following activities:

- 1. On-boarding people on airplane
- 2. Preparing a class time table
- 3. Resource management at a wedding
- 4. Traveling to college every day
- 5. Playing the game of chess
- 6. Searching a new friends home location
- 7. A medical representative doing his daily job
- 8. The tree that has been growing every day
- 9. A conversation with a loved one (chat/call/text)
- 10. Solving Sudoko
- 11. The placement of Matryoshka dolls
- 12. The growth of cauliflower vegetable
- 13. The process of learning we learn everyday
- 14. The assembly line in a factory
- 15. The design of a calendar

Team of 2 members.

Time Limit: 30 Minutes

Task: Group the above 15 activities into 'N' different buckets. Explain on why you made the groups, of whatever you categorized (Page Limit: 1 A4 Sheet).

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