# Assignment 3 : Problem Solving Case Study

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| **Date:** | 08-07-2014 | | |
| **Batch:** | C4 | | |
| **Batch Members** | **#** | **RollNo** | **Students Name** |
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| Identify the Problem Statement | |
| What do we want to accomplish?  *🡪In time goods delivery* | **What are the constraints?**  **🡪***Time limit* |
| What do we know about this problem?  *🡪Reduction in the number of customers* | **What do we need to learn to solve this problem?**  *🡪Time Management* |

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| **Analyze the possible solutions** | | |
| **What are possible solutions?** | **Pros** | **Cons** |
| *Increased manpower* | *1.More deliveries in less time*  *2.Division of work* | *1.Increased budget and extra funds needed*  *2.Extra facilities for workers* |
| *Transportation facilities* | *1.Fast delivery*  *2.Efficient deliveries* | *1.Extra vehicles and petrol required*  *2.Traffic Jams* |
| *Training for employees* | *1.Good delivery team*  *2. Employees persistent to critical situations.* | *1.Extra time required*  *2.Expertise required* |
| *Increasing number of go downs in areas where demand is more* | *1.Decrease in cost of transportation*  *2.Goods getting delivered in minimum possible time* | *1.More land requirement*  *2.Needs more manpower for supervision* |

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| Choose a Solution |
| *Increasing number of go downs in areas where demand is more.* |