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| Questions: | Answers: | Category: |
| Should it be portable? | yes | objective |
| Types of Material of the can to be crushed? | All types | objective |
| Should it be manual or automated? | automated | objective |
| Number of cans to crushed at once? | 2 | constraint |
| Time required to crush can? | 30 seconds | constraint |
| Equipped with safety features? | yes | objective |
| Does it require warrantee? | yes | objective |
| Does it require storage? | yes | function |
| Budget required? | 5000 | constraint |
| Should it have good looks? | yes | objective |
| How should the noise level of the machine be? | minimal | constraint |
| Should it be efficient? | yes | objective |
| What colour should the machine be? | black | constraint |
| Should the crushing be effective? | yes | function |
| Should it have an indication of completion? | yes | function |
| Should it have disposal of the crushed cans? | yes | function |
| Should it display the number of cans disposed? | yes | function |
| Should the machine sense if the can to be crushed is present? | yes | function |

Problem definition [1.1]:

Design an automatic power efficient can crusher machine, which is able to crush all types of cans accurately and disposing them. The machine should be user be friendly and easily portable. The machine should be good looking with a decent warrantee on it.

Problem definition [1.2]:

Design an automatic power efficient can crusher machine, which is able to crush all types of cans accurately and disposing them. The machine should be user be friendly and easily portable. The machine should be good looking with a decent warrantee on it. The machine must be able to crush at least 2 cans in a minute and the budget should not exceed Rs.5000. The machine should have minimal noise level.

Problem definition [1.3]:

Design an automatic can crusher machine, which is able to crush cans accurately and disposing them. The machine should be user be friendly and easily portable. The machine must be able to crush at least 2 cans in a minute and the budget should not exceed Rs.5000. The machine should be able work for long hours and should alert the user by indication of the process. The machine should not work while there are no cans present in the system. The machine should have minimal noise level.