There are four major functions that EVM should do –

1. **Registration of Candidates -** The first and foremost functioning that EVM should have is that it should register candidates who are willing to contest elections. For this purpose, it should have try to satisfy following conditions –
   1. Name of the registered candidate should be present at all times on the machine.
   2. The button corresponding to each candidate is working all the time during elections.
   3. There is a maximum limit on the candidates that EVM can register with itself.
   4. No new candidate can be added between the elections.
2. **Voting by public –** The other functioning that EVM has to do is to record the votes cast by the voters at the time of elections –
   1. Each vote is recorded and stored.
   2. Identity of the votes remains anonymous.
   3. Each vote is counted properly (no bias towards any candidate).
   4. Each voter can vote only once. Nothing should happen on pressing buttons multiple times. Only first one should be counted.
3. **Counting of stored votes -** After the voting is completed, EVM needs to do the most important function, that is, count the votes –
   1. Total vote count matches the vote count at the time of elections.
   2. There is no bias towards any political party and all the votes are counted properly.
   3. Result is stored properly for display after the counting is done.
4. **Display of results –** The last functioning of an EVM is to display the results. If the results are calculated properly but are not displayed, there is no point of EVM. For this –
   1. Display the votes for each candidate properly.
   2. Display the total number of votes cast.
   3. Display the person getting maximum votes.

Apart from the above functions, EVM should be a standalone machine which should not be hampered by any outside source. Also, having cryptographic security for extra layer of security.