Tabla 6: Final Results

	Cellular	Before installing the Solution			After installing the Solution		
		Hours	Joules	Battery %	Hours	Joules	Battery %
1	Samsung Galaxy Nexus	8	4784	25%	8	4401	17%
2	Asus Nexus 7	8	4912	10%	8	4519	6%
3	LG L3 E400	8	2482	29%	8	2283	20%

- It's possible to analyze and understand user's context while he is using this smartphone, which is shown in the correct learning methods.
- Two actions were defined and implemented for saving precious energy consumption on an smartphone.
- Each application can be defined by a dynamic profile depending on its own energy consumption. This profile depends in which ACTION to use and how much time the application is going to be blocked or closed.

8. Future Works

- Optimizing energy consumption during learning time based on:
  - ✓ In learning time the solution increments consumption for registering all data;
  - ✓ In execution time there are no high energy consumption problems;
  - ✓ This high energy consumption problem is because PowerTutor is designed for getting exact data, even though we just need referential data.

- Optimizing CPU applications discrimination, based on:
  - ✓ It was noticed that some applications were closed even though the applications was very important for the user;
  - ✓ For example, a Music player was closed by the solution even though it shouldn't be closed;
  - ✓ Finally the solution can be optimized by filtering CPU applications in a more efficient way.

9. References

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