**Cairo University**

**Faculty of Graduate Studies for Statistical Research**

**Department of Computer Science**

**The Smart Battery Charger**

**A Project Presented for Fulfillment**

**For Diploma Project in Computer Science**

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* + <http://www.blackwasp.co.uk/DetectPowerEvents.aspx> Power event
  + <https://www.onlinebuff.com/article_understand-monitor-vs-mutex-vs-semaphore-vs-semaphoreslim-onlinebuff_60.html> Threads
  + <https://stackoverflow.com/questions/142003/cross-thread-operation-not-valid-control-accessed-from-a-thread-other-than-the> UI\_Thread / Secondary\_Thread problem
  + <https://stackoverflow.com/questions/661561/how-do-i-update-the-gui-from-another-thread/18033198#18033198> async-await ( Till unused )
  + <https://www.youtube.com/watch?v=UI6lqHOVHic> UML Class Diagram ( Code Map )
  + <https://www.c-sharpcorner.com/UploadFile/29d7e0/get-the-processor-details-of-your-system-in-windows-form/> machine info
  + [https://www.tutorialspoint.com/datetime-compare-method-in-chash DateTime.compare](https://www.tutorialspoint.com/datetime-compare-method-in-chash%20DateTime.compare)
  + <https://en.wikiversity.org/wiki/Plan-driven_software_development#cite_note-1> plan-driven model
  + Software Engineering (9th Edition) 9th edition (authors) Sommerville, Ian (2010) published by Addison Wesley