README.md 4/9/2020

## PRP Special Assignment

## Contributors

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## Submission checklist for uploading on Google Drive

This section provides the submission checklist for smooth and efficient submission process. (This is for your reference and please remove this while writing your report).

- Soft copy of this project Report
  - Uploaded as Report\_SM1.pdf
  - o Supplementary files: Report.md, Report.ipynb
- Soft copy of Abstract
  - Uploaded as Abstract.pdf
- Soft copy of Concept Map 1 and 2
  - Uploaded as Concept\_Map1.pdf
  - Uploaded as Concept\_Map2.png
- Soft copy of base article
  - Base Article Uploaded as Base\_Article\_Probabilistic\_Fatigue.pdf in paper folder.
  - Secondary Base Article 1 Uploaded as Secondary\_Base\_Article\_PWM\_Estimation.pdf in paper folder.
  - Secondary Base Article 2 Uploaded as Secondary\_Base\_Article\_LifeTime\_Regression\_Models.pdf
    in paper folder.
- Soft copy of analysis (hand written)(jupyter notebooks)
  - We have used jupyter notebooks and therefore we have done analysis(in latex + markdown) and coding (Python Cells) in the same digital jupyter notebook.
  - SoftCopy uploaded as analysis\_n\_code.pdf
  - Runable Jupyter Notebook uploaded as analysis\_n\_code.ipynb
- Folder of matlab(python) codes (with proper naming)
  - Code present in jupyter notebook as analysis\_n\_code.ipynb
  - SoftCopy uploaded as analysis\_n\_code.pdf for quick preview
  - Extra Notebooks in folder Extra ipynb
    - [Extra ipynb/PWM.ipynb](Extra ipynb/PWM.ipynb)
    - [Extra ipynb/weibull\_dis.ipynb](Extra ipynb/weibull\_dis.ipynb)
- Folder of reproduced results in .fig and .jpg format
  - folder of reproduced results is images
  - o folder contains all reproduced results and block diagrams
- latex (.tex) file of the project report.
  - Uploaded as Report.tex