Research Proposal

A simple guide. By Jamalludin Ab Rahman

# Title

– Finalise the title later

# Keywords

- Use words that are frequently used from your main references. Do not simply create any word.

# Summary

–Summarise later

# Introduction

## Problem statement

– Why your study is important? What is the research gap? Present in a causal web (bubble chart)

## Research question

– THE question that can be answered by reading your research title

## Literature review

– Point forms, straight to the point, summarise (never paraphrase)

# Objectives

- Specific objectives. Use action verbs

# Methodology

## Study and target population

– Selection criteria (inclusion & exclusion criteria – refer your bubble chart)

## Sampling technique

- It should represent your study population

## Sample size

- Consult statistician

## Data collection

- List and description of all relevant variables

* Data dictionary

– Summarise in a table and attach as appendix

* Research instruments

- How good yours instrument is. Integrate the info in data dictionary

* Data collection plan

- How do you plan to collect the data. Present in a flow chart.

## Statistical analysis

– For each objective, produce dummy table

# Ethical consideration

- If required. But MOST will require ethical clearance

# Gantt charts

– Research activities by date

# Important milestones

– Progress indicators & expected time to achieve

# Important output

– Papers, conference papers, postgraduate students

# Budget

- Calculate the budget thoroughly. As accurate as possible. Not in term of actual cost (not to the sen), but it should reflect the actual cost. Do not over-estimate.