Create Customized Report

# Actors

User

Reporting Engine

# Activities

## 1. Opt to create a custom report

User opts to create a custom report.

## 2. User can pick template-based or custom

User can pick to either create a brand new report or a report that is based off an existing template.

## 3. Template or custom?

Decision node with two choices:  
1. "Template" -- user decided to create a template based report.  
2. "Custom" -- user elected to create a new custom report.

## 4. Generate a list of templates

System would generate a list of templates to choose from.

## 5. Enter new report details

Enter the details required to create a report.

## 6. Display templates

Display templates available for customization.

## 7. Pick a template to customize

Pick a template from the list.

## 8. Ask whether format updates are required?

User here can optionally update format or not.

## 9. Update format?

Decision node with two choices:  
1. "No" -- update format not required.  
2. "Yes" -- update format

## 10. Enter new format

User enters the new report format.

## 11. Check whether data representation needs change

User can optionally change data representation.

## 12. Data representation needs change?

Decision node with two choices:  
1. "Yes" -- yes, data representation needs changing  
2. "No" -- no, data representation stays intact.

## 13. Change data representation

User has opted to change data representation.

## 15. Change data categories

Ask the user to change data categories.

## 16. Ask whether user wants to save

User has a choice to save the report or not.

## 17. Save data?

Decision node with two choices:  
1. "Yes" -- save the report  
2. "No" -- abandon changes and exit.

## 18. Save data

Save the report for future reference.

# Preconditions

None

# Postconditions

None