

DM Community – April challenge

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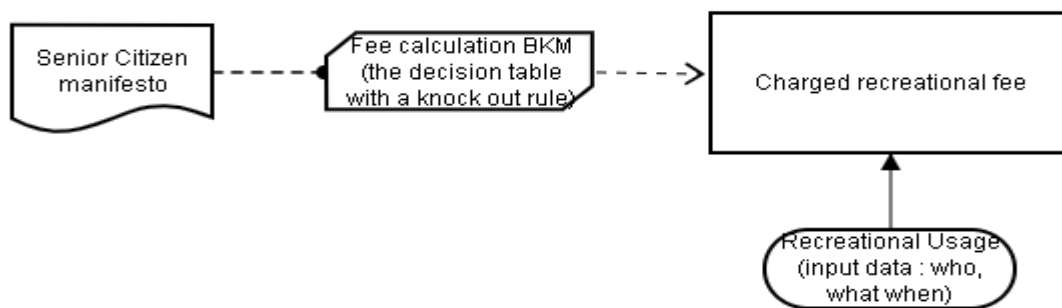
As always there are many ways to skin a cat. I would like to illustrate something else, using two “good enough” ways of depicting and solving this. Let’s call them **elaborate** and **simple**.

When choosing an approach, let’s consider the following

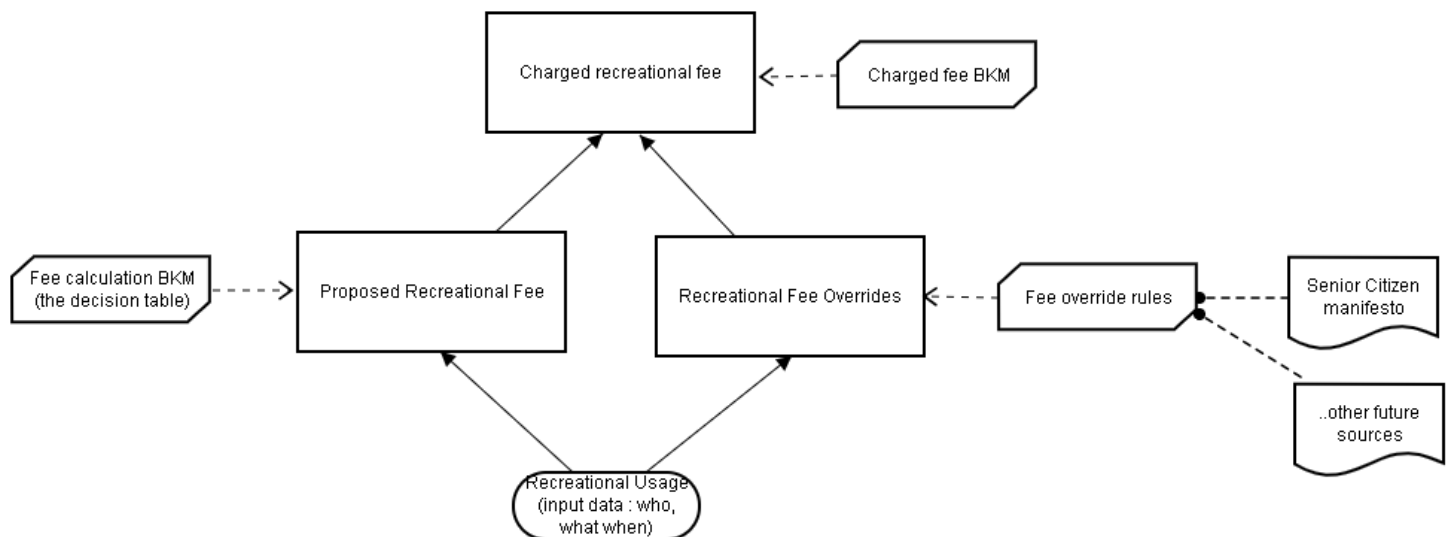
1. How much do we need to record to *explain* the final outcome?
In other words, are there sub decisions that are worth recording as we go along?
2. How much *valuable additional intelligence* can we produce while doing this?
In other words, are there sub decisions’ outcomes that may be worth having in the future?
3. How *flexible* can we make this decision logic?
Can we easily expand this logical unit to include future requirements, like other exceptions?

Here are the two diagrams depicting the high-level designs, both using the decision table. The elaborate one satisfies all three considerations above.

Simple:



Elaborate:



Some practical ideas to illustrate the above.

Say we implement the **elaborate** decision as a service, the consumer can then decide to either

- consume only the main outcome which is the Charged recreational fee
Example consumer: the point of sale system at the recreational centers
- consume the granular data as well
Example consumer: Intelligence System that stores all outcomes and mines data for things like “how much recreational fee income have we waived over a 12 month period for our senior citizens?”

Happy decisioning! (..still not a dictionary word ☺)

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