

# An Event Driven Utility Billing System.

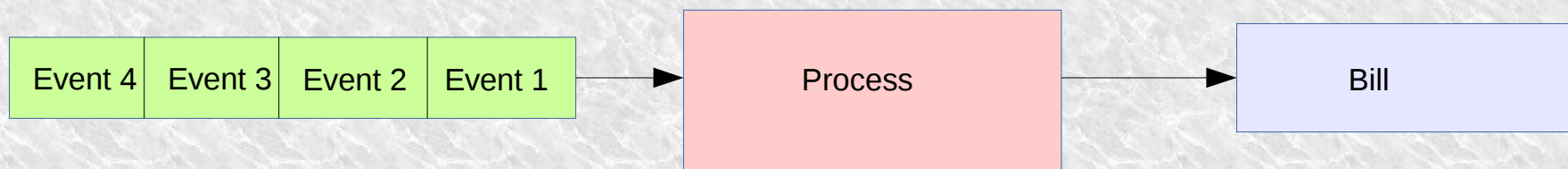
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**What is the system?** An Event Driven Utility Billing System. This product is meant for any bill based utility service provider eg electricity, water etc.

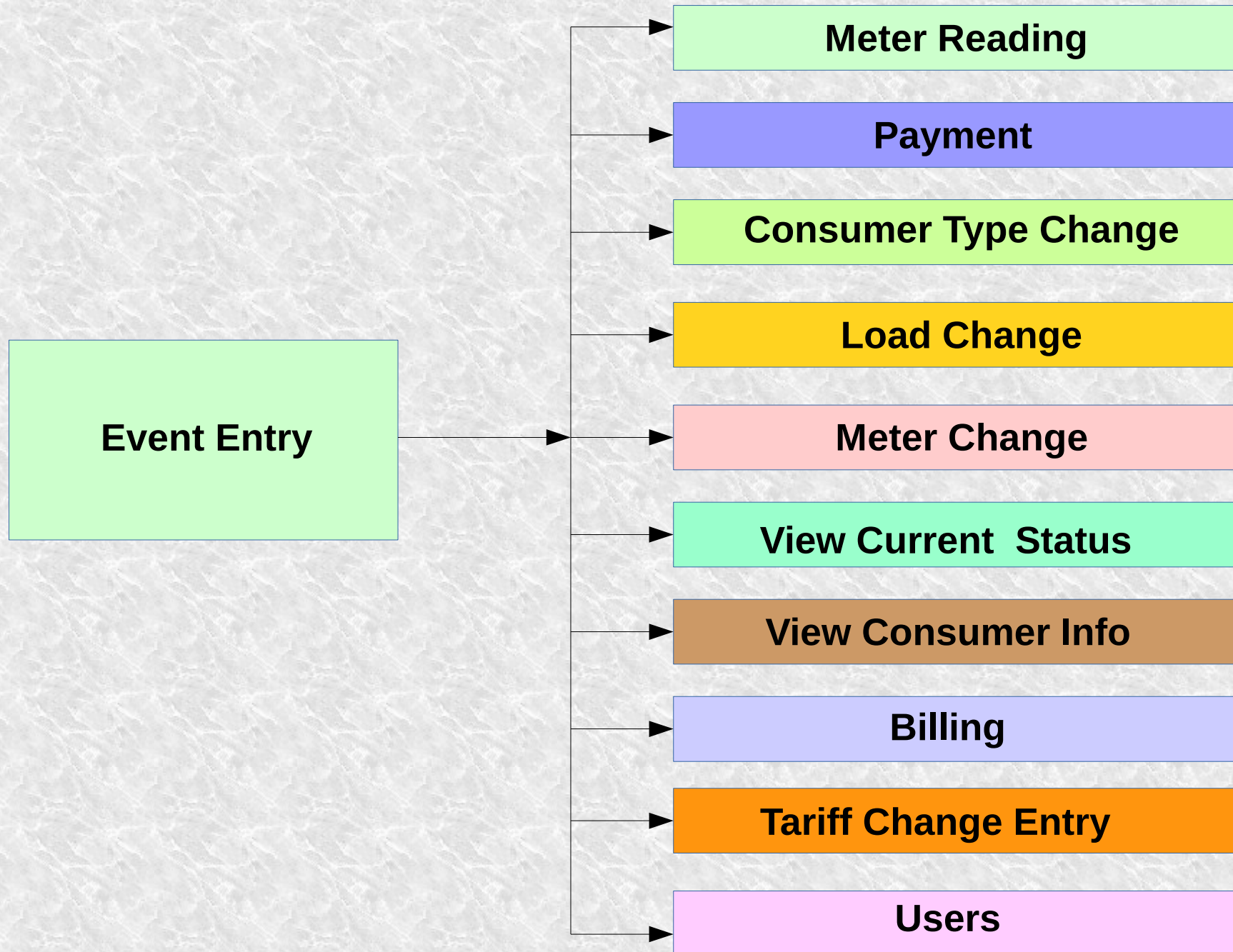
**What are the advantages of Using this billing system?**


1. No Redundency.
2. Audit Trail (Corruption).
3. Retrospective Effect of Correction/Revision (Consolidation).
4. Consumer History Information Available.

**How it will be built?** The system can be built, making excellent use of the available resources and technology. I propose to build it using JEE and an MVC framework (Spring) and on a Relational database.



# What are the functionalities the system will provide?





01/01/2018	Initial Status
02/01/2018	Meter Reading
03/01/2018	Payment
04/01/2018	Meter Reading
05/01/2018	Payment
06/01/2018	Meter Reading
07/01/2018	Initial Status Update
08/01/2018	Payment
09/01/2018	Meter Reading
10/01/2018	Initial Status Update
11/01/2018	Payment
12/01/2018	Meter Reading

## What are the Challenges and Risks?

1. Time Constraints.
2. Lack of trained workforce.