



MIS 3506

Digital Design and Innovation Studio

12: CREATING AND DOCUMENTING
YOUR BUSINESS RULES

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Photo: Installation by Jenny Holzer, US Pavillion, Venice Biennale 1990

Project Deliverables

- **ELECTRONIC SUBMISSIONS** via shared OWLbox Folder
 1. Your **scope** document
 2. The working **JIM prototype** (VP File)
 3. The **scenarios** that your prototype represents (in VP File)
 4. **Data masters** or **variables** for all data fields on the prototype (in VP File)
 5. **Business rules** documented in a separate Word document
 6. **Use Cases** that your prototype represents in a separate Word document
 7. JIM Report as a Word Document
 8. Powerpoint Presentation
- **HARDCOPY SUBMISSIONS** turned in last day of class
 - Your **scope** document
 - JIM **report** on your prototype with **all options** turned on
 - Your Powerpoint **presentation** (4 Hardcopies – 3 slides per sheet for each submitted the day of your presentation to distribute to reviewers)

The presentation: 5 parts

Follow Design Inquiry Framework

1. **what** do you want to change (good or bad) [your BIG IDEA]
2. **who** are the affected stakeholders [PEOPLE – your PERSONAs]
3. what are their **unmet needs** + why are they important [NEEDS AND OPPORTUNITIES]
4. what is your **solution** [DEMONSTRATE YOUR PROTOTYPE]
5. what **resources** do you need to create and sustain your solution [THE BUSINESS CASE]

Business Rules

Understanding **HOW** the
client will control their work
and decisions

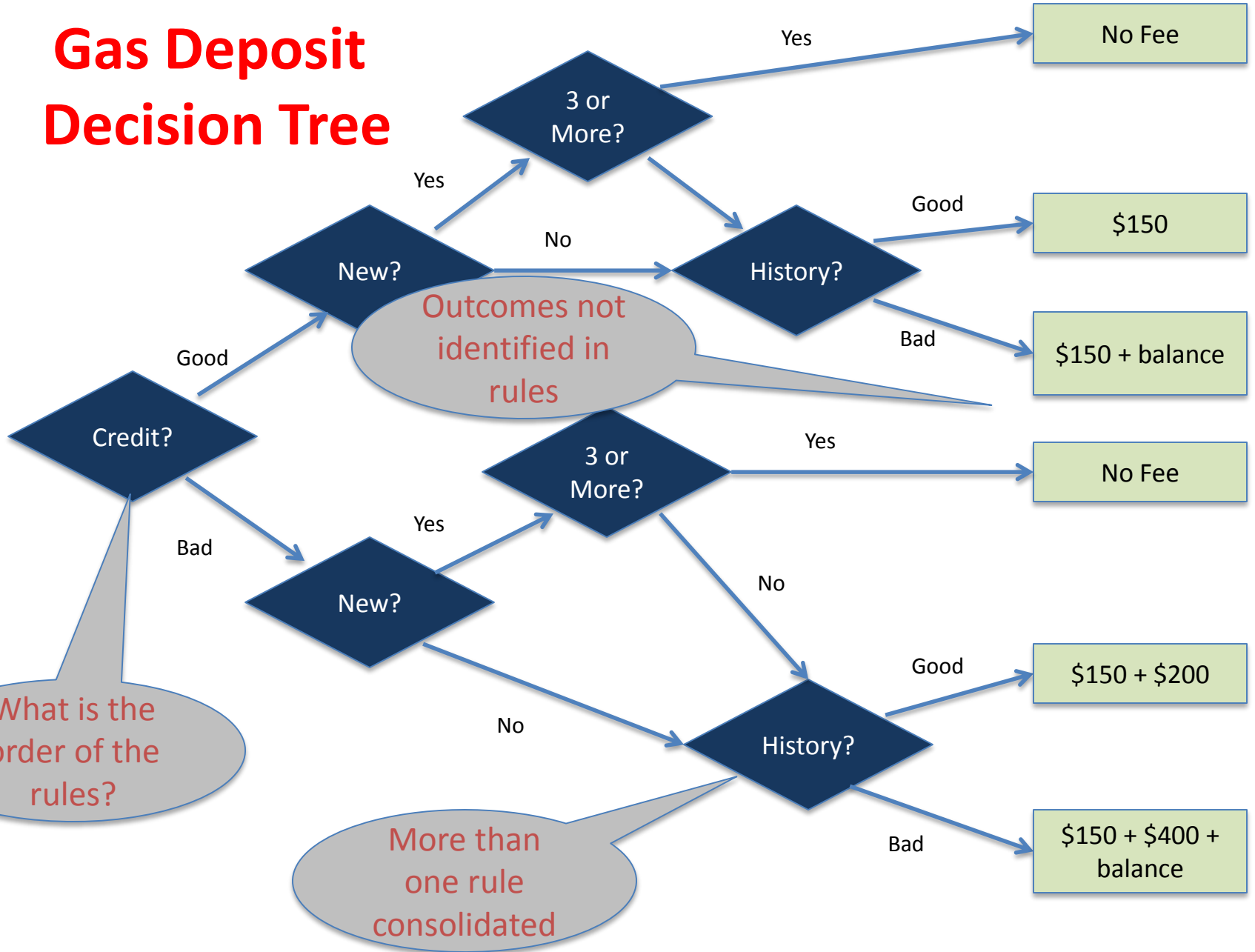
Business Rules are

NOT ABOUT NAVIGATION

Gas Deposit Business Rules

- A customer with a good credit score is not charged a deposit.
- A customer wanting gas service pays a \$150 “turn on” fee.
- A customer with a balance must pay that balance, in full, before “turn on”.
- A customer with new construction and 3 gas appliances has all fees waived.
- A customer with a poor connect/disconnect history must be charged a deposit of \$400.
- A customer with poor credit score must be charged a \$200 deposit.

Gas Deposit Decision Tree



For Thursday:

Document all of the **Business Rules** you will need for your project (and show how your prototype implements them)

- word document
- Business Rule identifier
- ordered in an appropriate way

Project Team Work Time



Class After Break:

Bring your **Presentation**

team pairs

Team Pairs: A/B, C/D, E/F, G/H/I

00:15 min each

The presentation: 5 parts

Follow Design Inquiry Framework

1. **what** do you want to change (good or bad) [your BIG IDEA]
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3. what are their **unmet needs** + why are they important [NEEDS AND OPPORTUNITIES]
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Focus on your Prototype & PRESENTATION

Work as a team to develop a presentation strategy. Create a compelling narrative that effectively integrates your persona and their needs. Integrate the prototype into the narrative to demonstrate how your solution meets their needs.

Use the presentation structure we recommend.

00:20 min

Project Team Work Time

