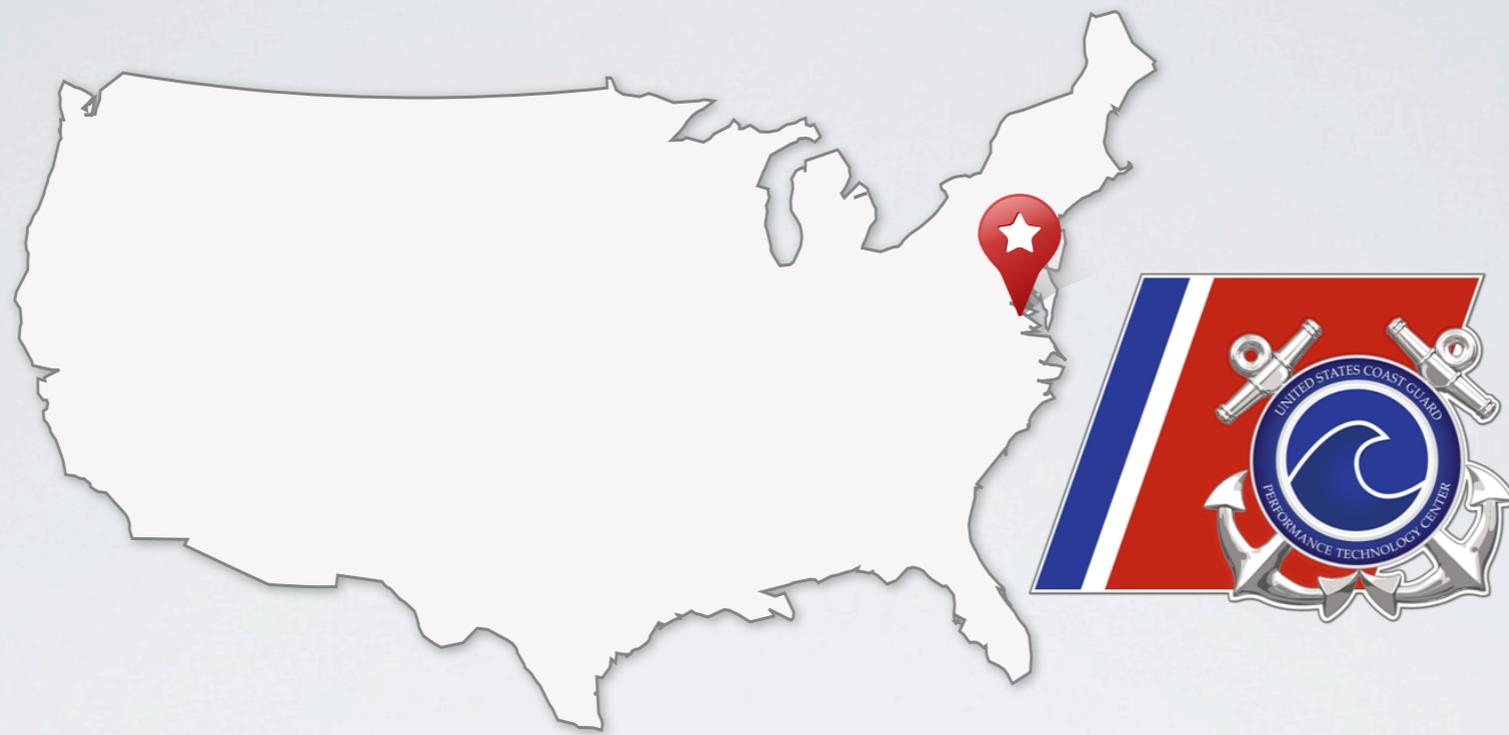




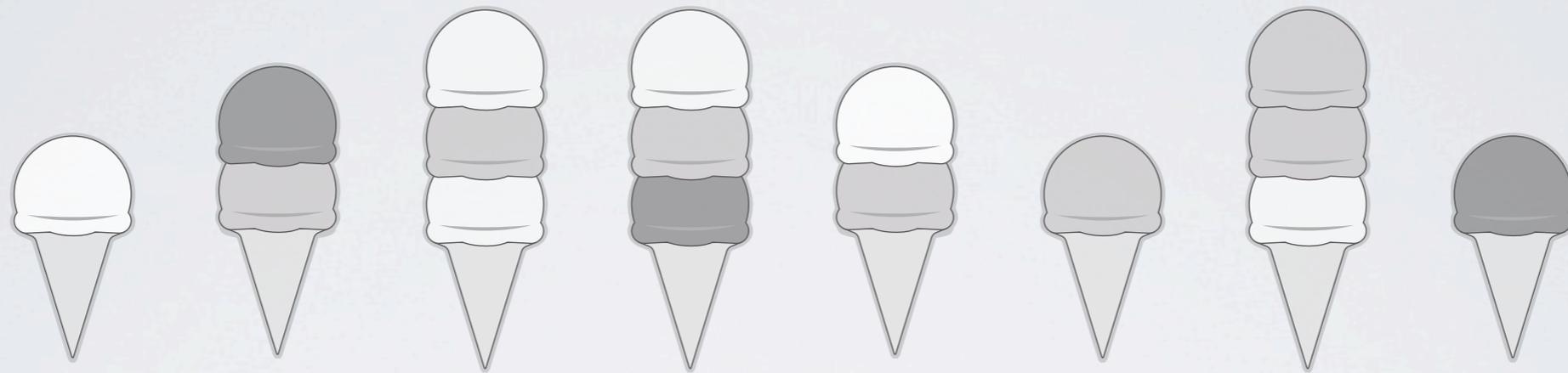
THE LIFE OF A
DIGITAL SOLUTION

Steve Flowers, PTC Yorktown



Steve Flowers, U.S. Coast Guard
Performance Technology Center
FORCECOM (FC-tptc)





Digital solutions come in many flavors,
sizes, combinations, and layers.

Self-Paced
eLearning

Classroom
Media

Performance
Support

Virtual
Classroom

Blends

Simulation

Self-Paced eLearning

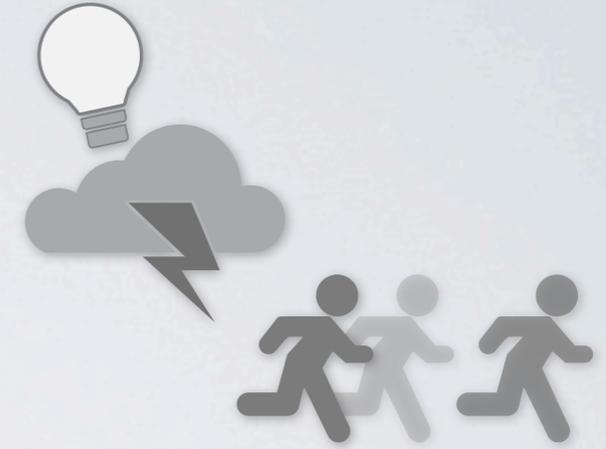
WE'RE GOING
TO TALK ABOUT
THIS FLAVOR.





tortures **you**

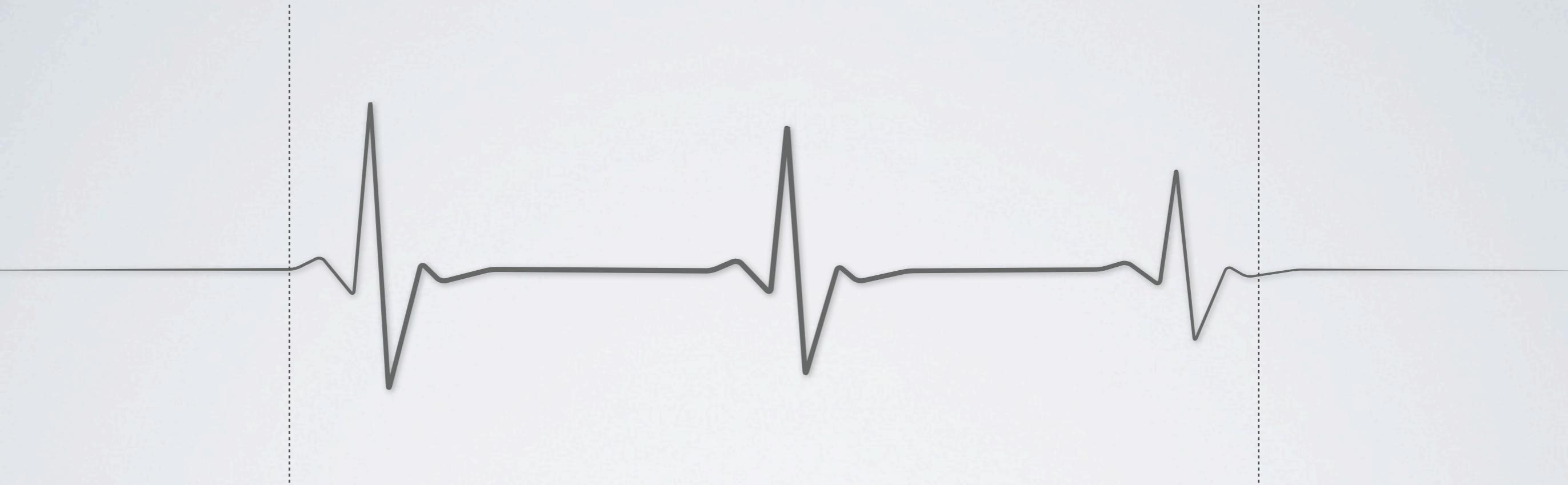
Idea



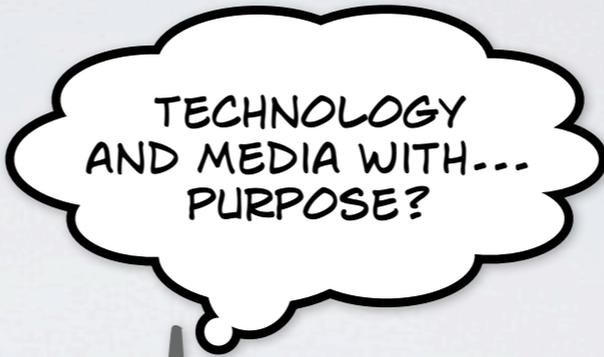
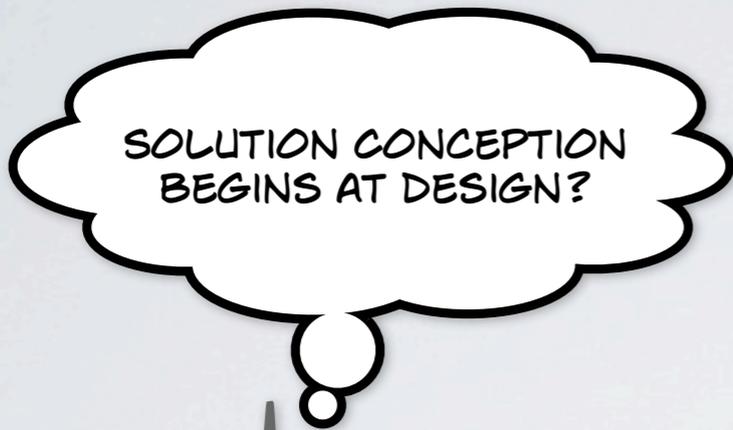
tortures **everyone**



Observations and Assumptions



Signs of Lifecycle



Designed

Developed

Deployed

GOT THE GREEN?

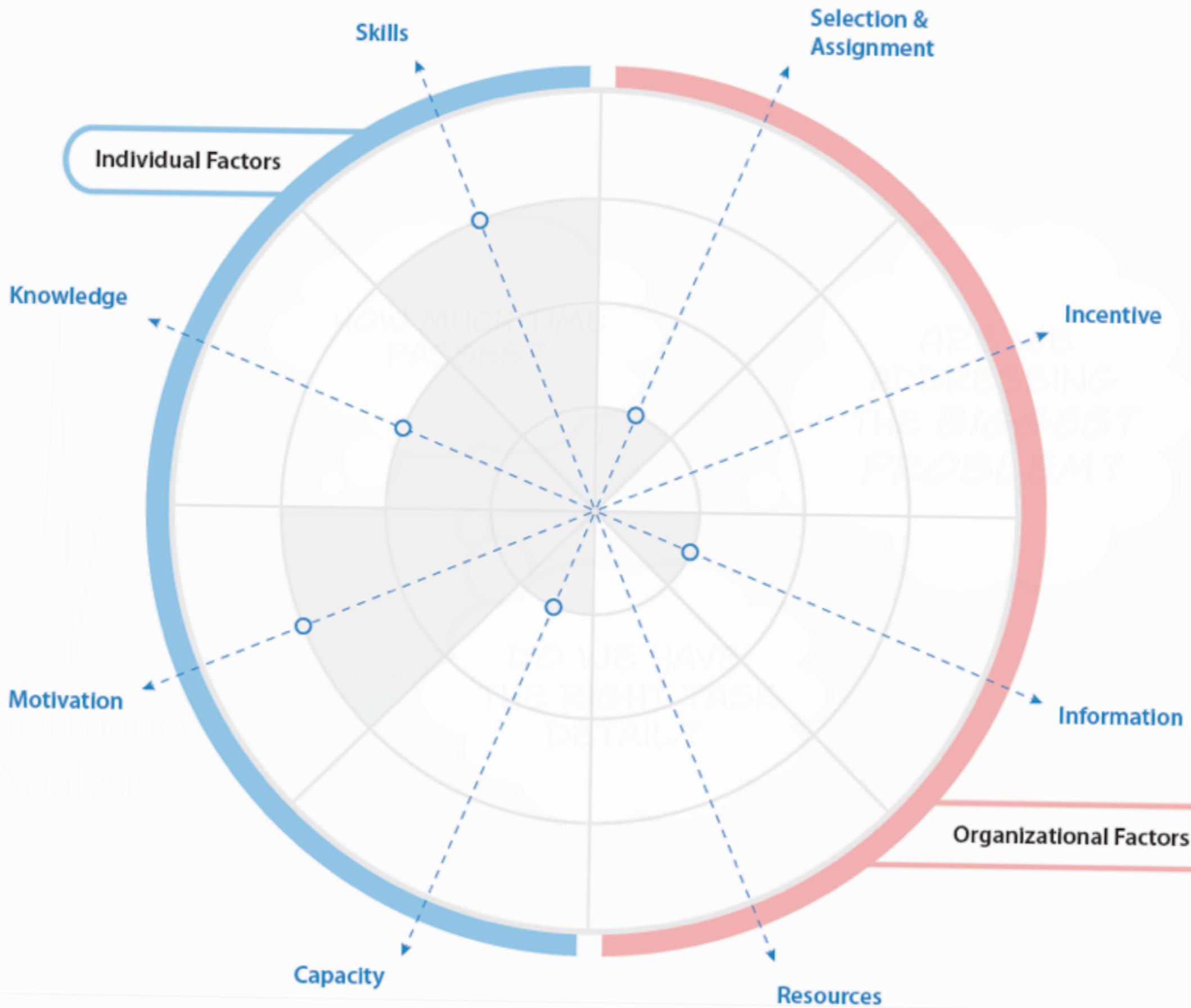
GET THE SCREEN!

Contract
Quisque tortor nulla, sodales sodales, eget, vehicula molestie, risus. Aliquam erat volutpat. Mauris pulvinar eu, viverra sit amet, ultrices sit amet, nibh.
Nulla enim pulvinar nisi. In euismod turpis elit imperdiet tellus. Aliquam erat volutpat. Mauris vehicula faucibus orci. Pellentesque vitae tellus pharetra tortor scelerisque venenatis. Mauris congue odio sed lorem.

\$\$\$

Designed

Developed



Individual Factors

Selection & Assignment

Incentive

Information

Organizational Factors

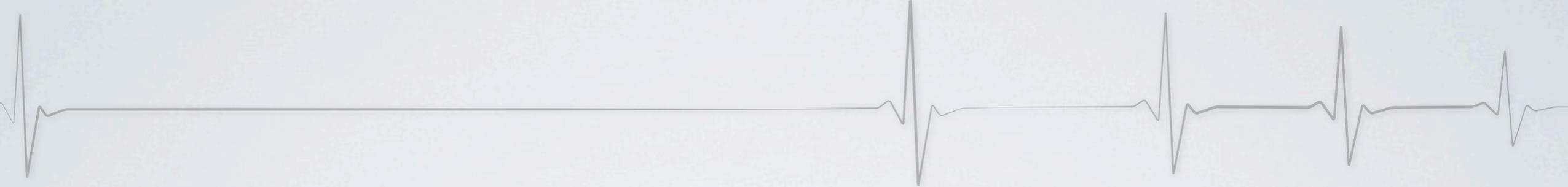
Knowledge

Motivation

Resources

Capacity

Skills



Performance
Analysis

Resources /
Contracting

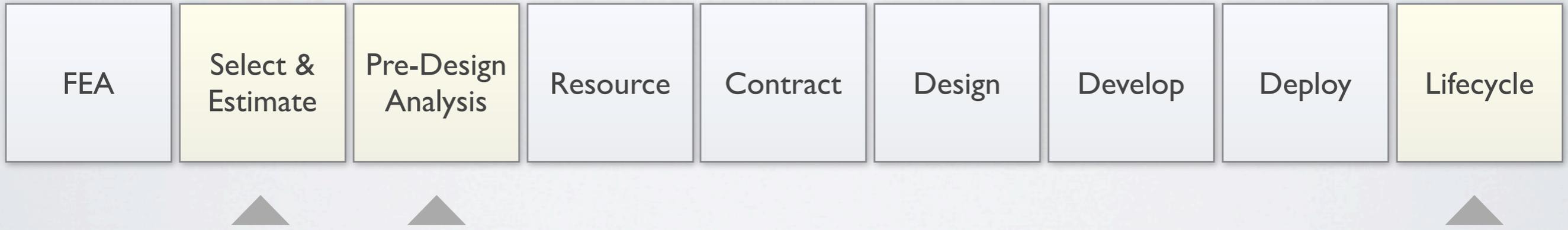
Design

Development

Deployment



5110



ANECDOTAL DATA REPRESENTING QUALITY ON TASK.



How can we make choices less arbitrary?

Selection, Estimation and Packaging

Shift the Mindset

Information



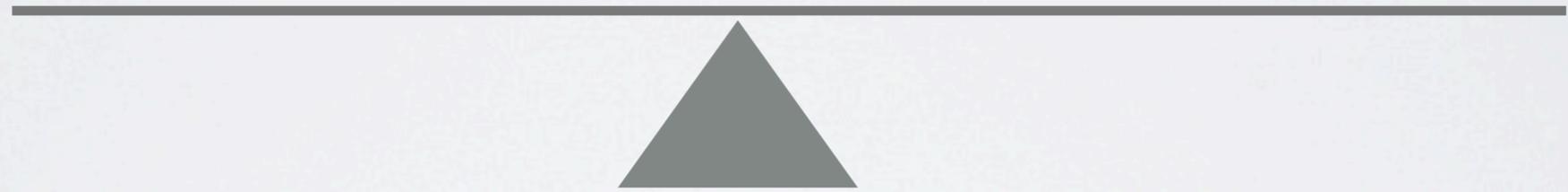
Knowledge



Behavior

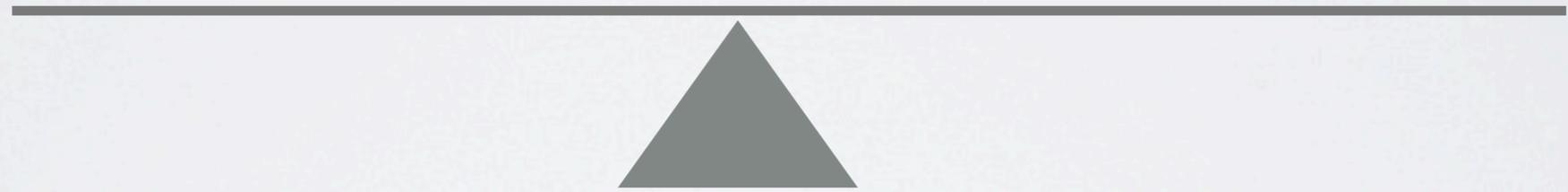
Effort

Output

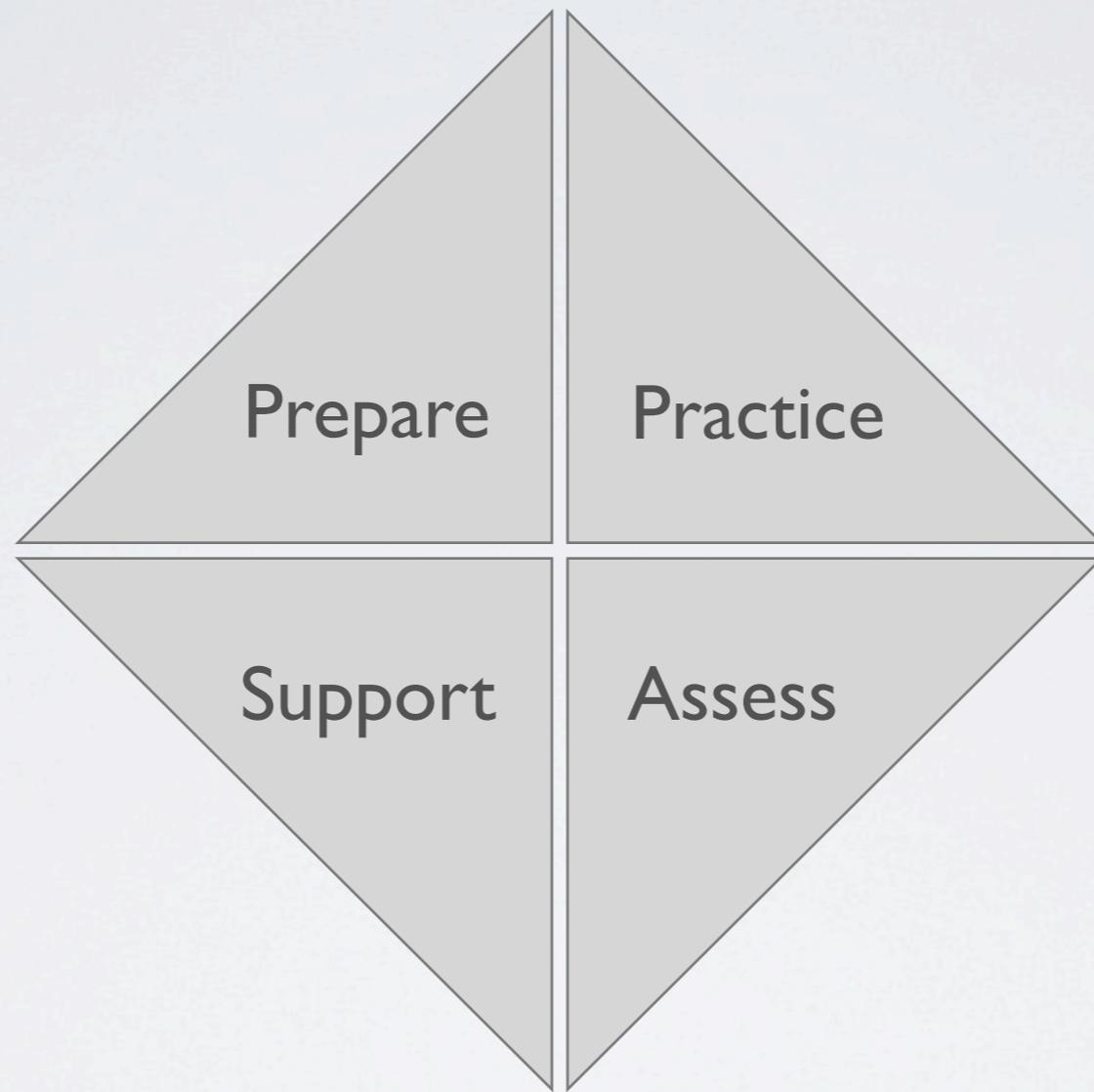


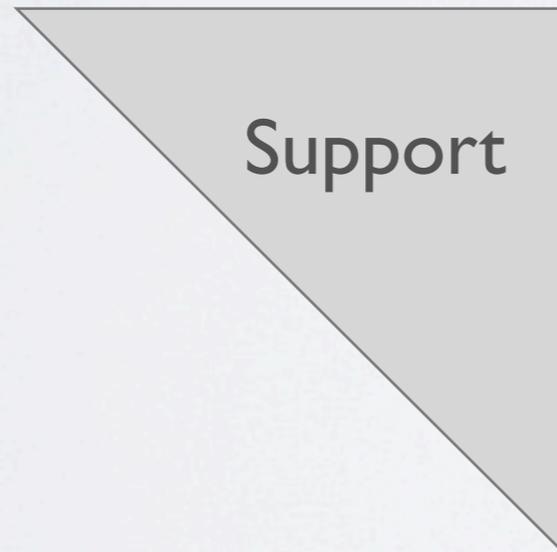
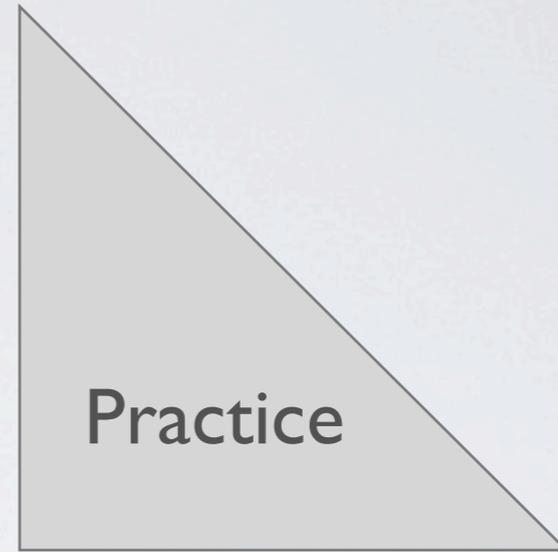
Effort

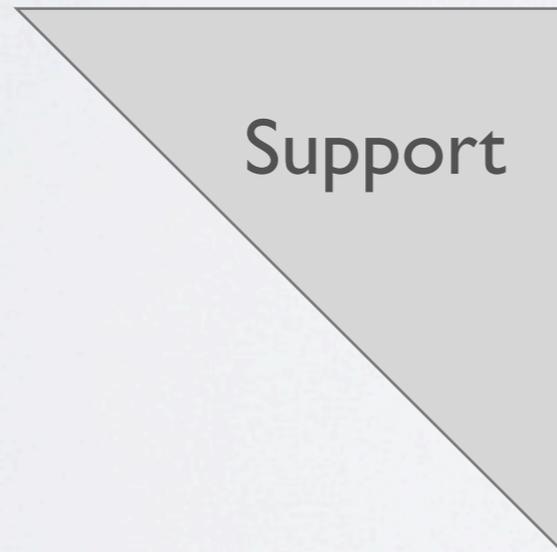
Outcome

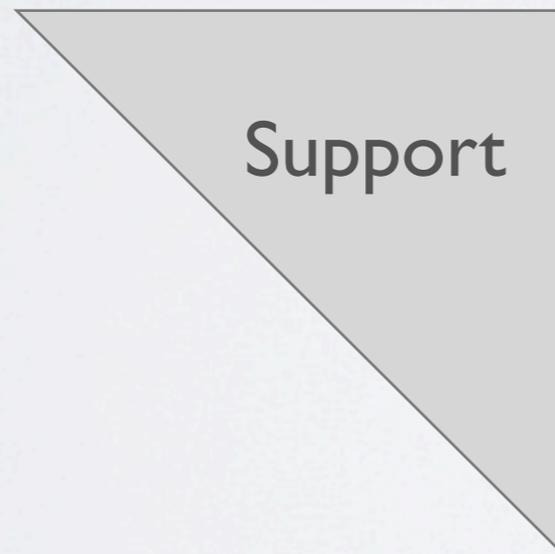
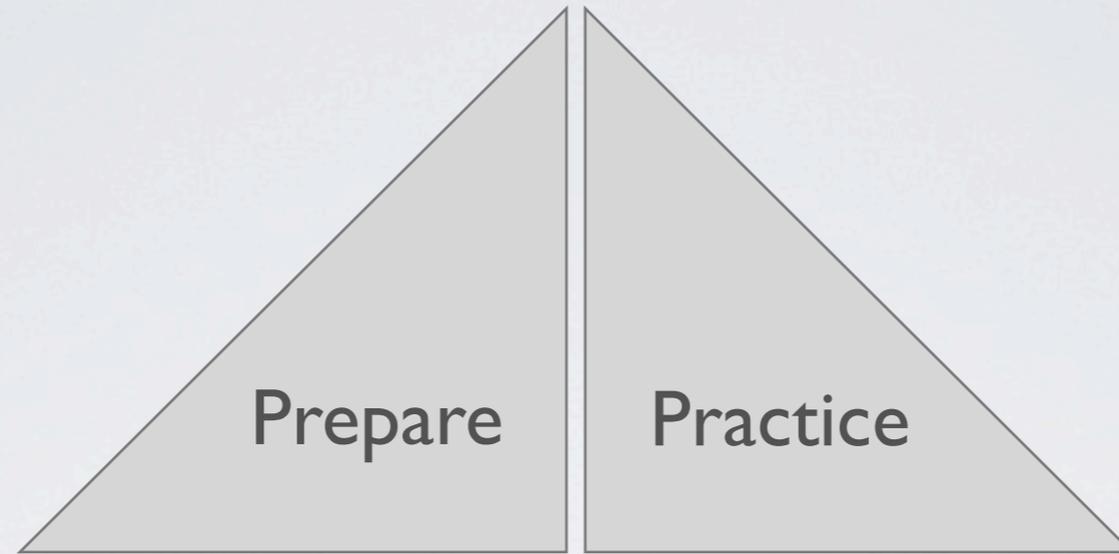


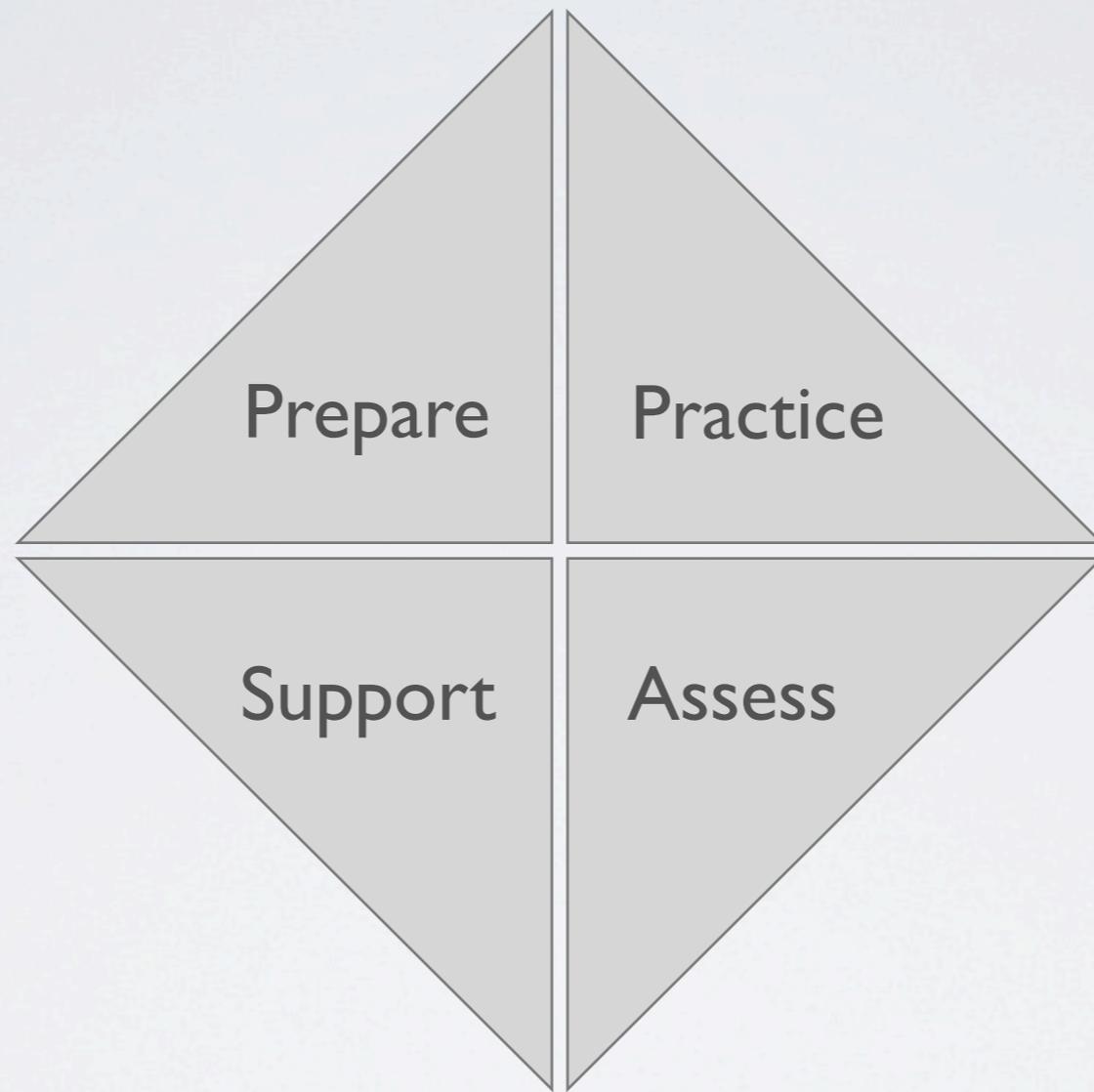
Bundling











Human Side

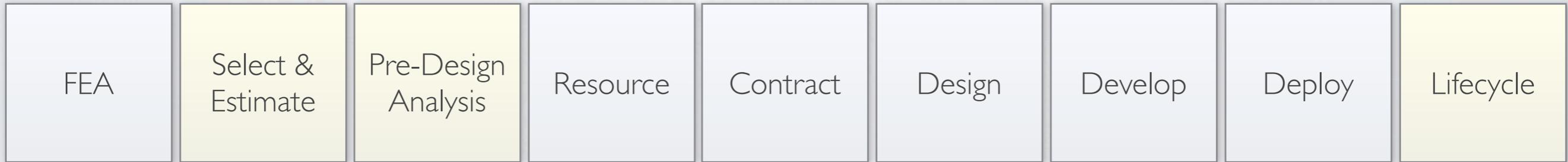
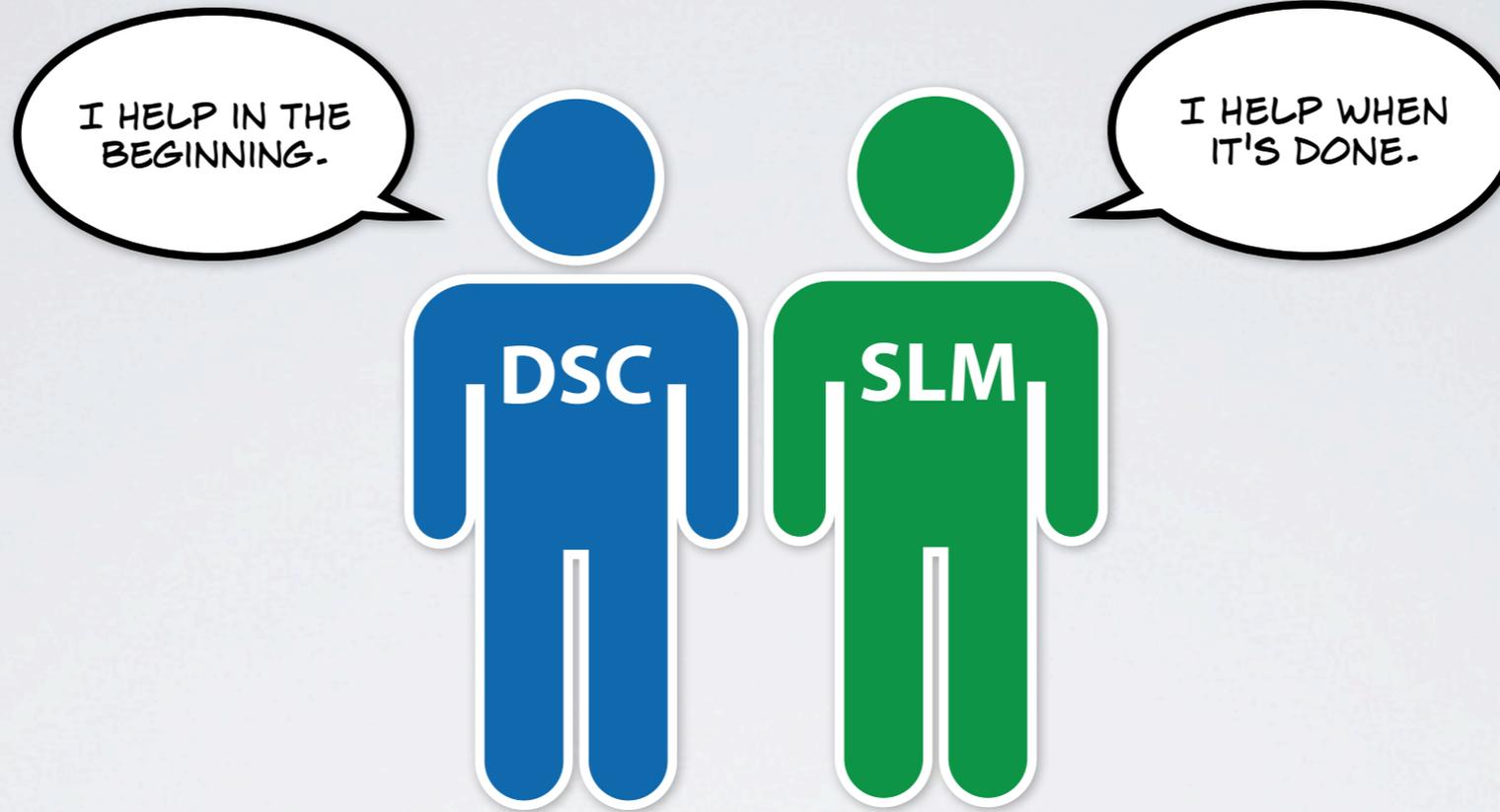


Process Side

Many of the folks that initiate digital solutions don't do this stuff full-time.



Human Anchors





is a Performance Consultant & Guide

Provides Recommendations

Technical Insight

Estimates

Participates in Pre-Design Analysis

Supports the Development of an SOW

DSC Tools and Network

Expectations



Performance Requirements

Performance Requirements



Tasks (Actions and Results)

Performance Requirements



Tasks (Actions and Results)



Suitability

Worksheet: Suitability

Complete this worksheet to determine whether Self-Paced eLearning could be an appropriate solution to your performance problem. This should provide an indication of suitability. A DSC can help you narrow and validate your selection.

| Tasks that meet one or more of these descriptions indicate potential suitability. | |
|--|---|
| | Training needs to reach a large number of people. |
| | Audience is widely dispersed and operates on varied schedules. |
| | Audience members have varying skill levels and experience. |
| | Tracking and reliable accountability of skill acquisition or information exposure is required by policy or for qualification. |
| | Performance concepts or information may change frequently. |
| | Skill practice is required and real equipment or a simulator is impractical or practice of dangerous tasks is required. |
| | Continuous practice, frequent refresher, or retraining is required to maintain currency. |
| Tasks that meet one or more of these descriptions indicate the task may not be suitable. | |
| | Performers don't have access to the technology needed to deliver the solution or technical support will be unavailable. |
| | Leadership or management at any level of the organization may not accept, support, or commit to the solution. |
| | The training is optional. Elective training elements may not get enough use to provide value. |
| | Task requires observation of physical performance for qualification. |
| | Users will not accept the solution. |

See the next page of this worksheet for a question series that can increase effectiveness of the training solution.

These factors can also influence a method selection.

Solution Context

Where and how does the learner require performance support or skill development? Does the learner need to:

- **Learn new skills** in anticipation of performance
- **Extend existing skills** to advance capability
- **Refresh existing skills** for currency
- **Recall and apply skills** for performance after training
- **Update skills** after system or process has changed
- **Leverage tools** for performance in lieu of training
- **Respond to an urgent requirement** to perform a new task

Version 8/24/2011

Resources

Cost is a large factor in the selection of a solution. The budget and cost estimate should also frame value expectations in each deliverable.

- *What is my budget?*
- *How does the cost of the solution weigh against the cost of the problem?*
- *Would a cheaper solution solve my problem almost as well?*
- *When do I need the solution?*
- *How much time do I have to commit to the solution?*
- *Do I have reviewers / SME's available?*

A solution consultant can help you nail down resource costs and commitment requirements. Contact the ADL Program Office or Performance Technology Center to schedule a consultation.



Digital Solution Consultant



Solution Lifecycle Manager



I HELP WHEN
IT'S DONE.

Solutions need love too.



is the Solution Historian.

Provides

Periodic Reports

Evaluation Data

A Single Point of Contact

Billings



Human Side | **Process Side**

Process Anchors

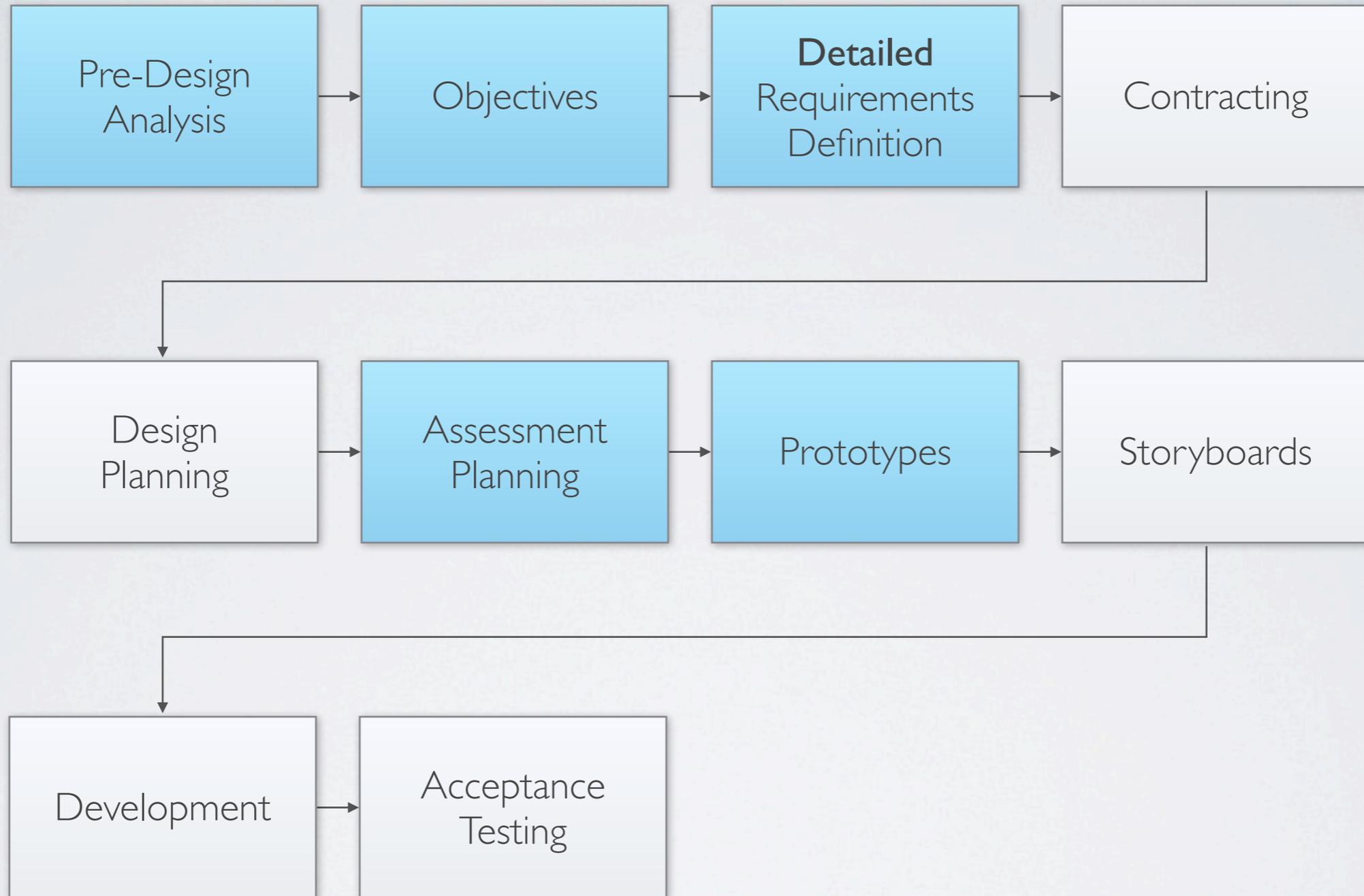




Typical Lifecycle (in many cases)



Preferred Lifecycle



A Layered Process



Assessment Strategy

SO SHOULD THESE.

Objectives

THESE SHOULD BE **REALLY CLEAR** BY NOW.

Measurement Opportunities

WHAT SHALL WE MEASURE?

Practice Opportunities (think feedback)

SKILL DEVELOPMENT TAKES PRACTICE.

Skills and Sub-Tasks (overt and covert)

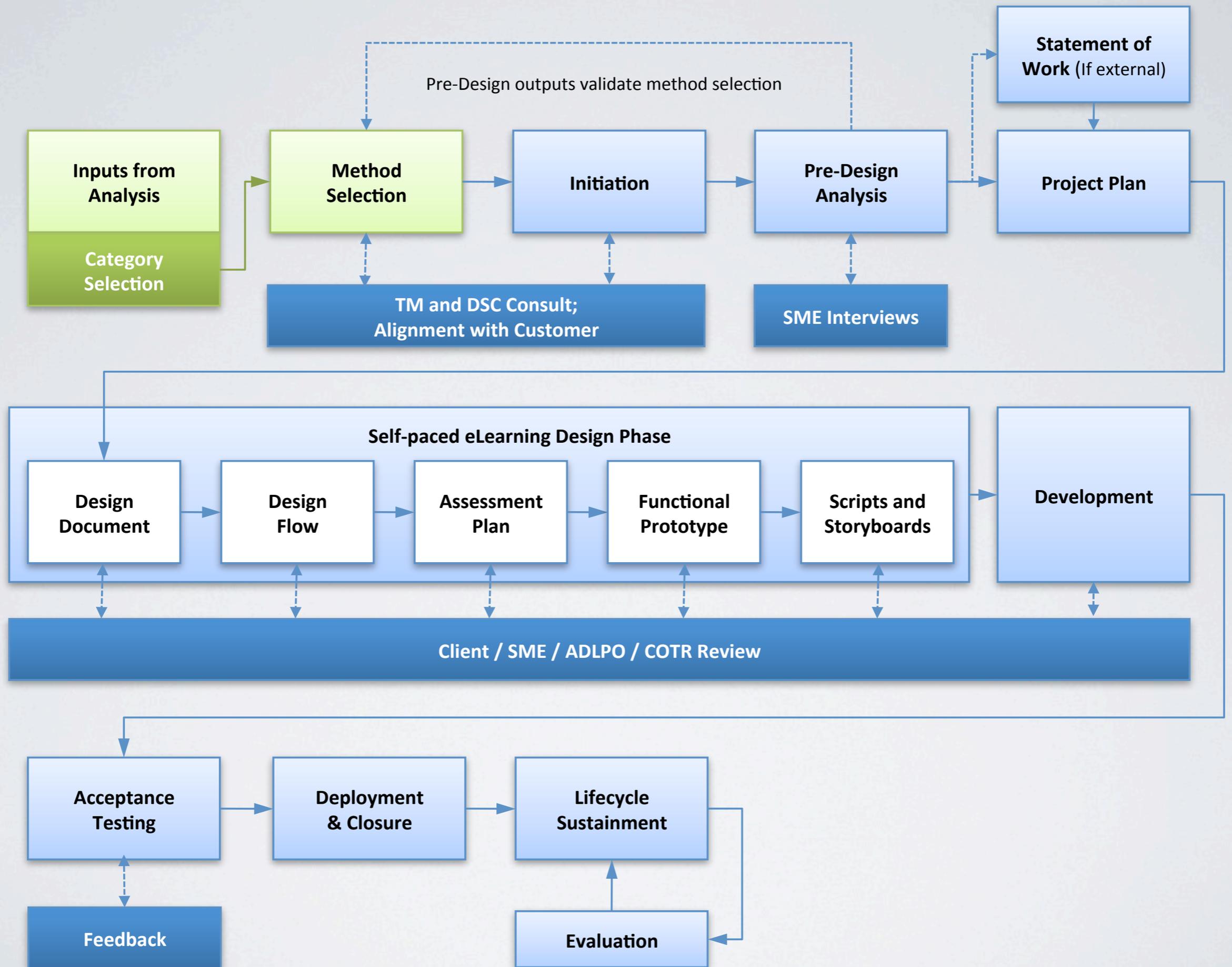
HOW DO THE TASKS BREAK DOWN TO SKILLS, CONCEPTS, VALUES AND "THINKING TASKS"?

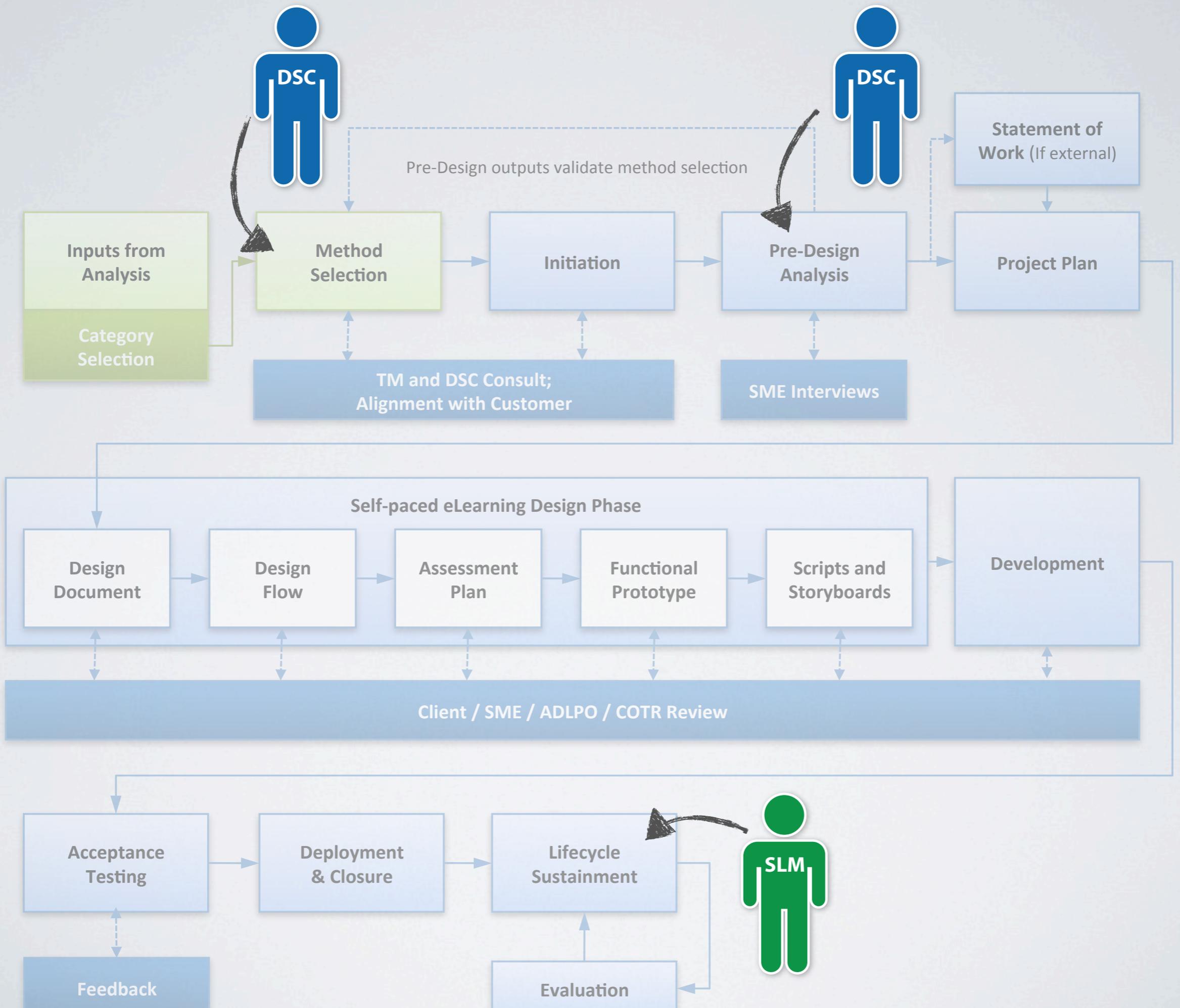
Tasks

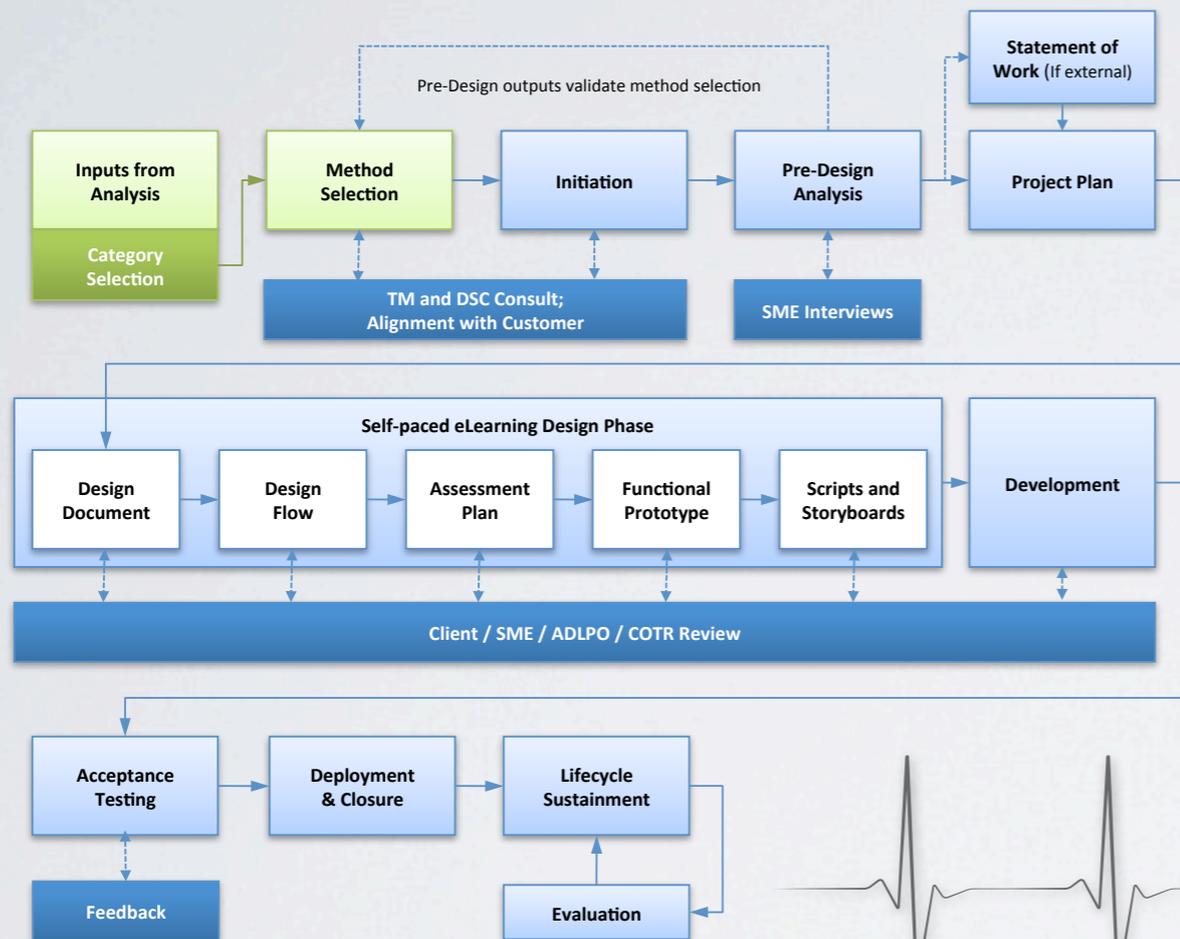
WHAT DO WE WANT PEOPLE TO DO?

Performance Requirements

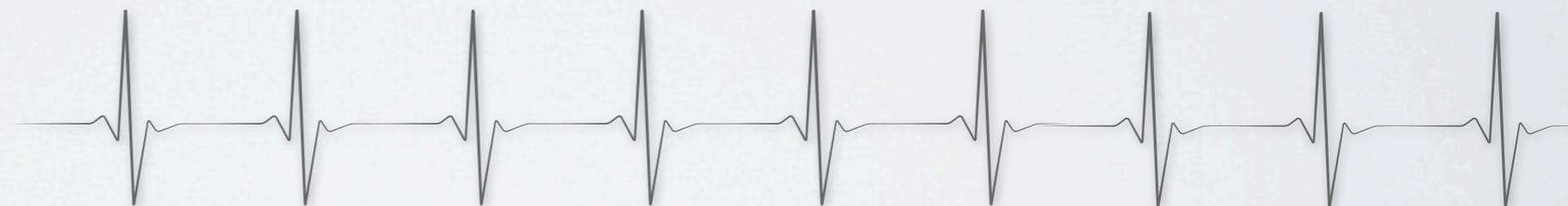
WHAT'S THE END-GAME?







Tuning the Process and Human Sides for Consistent “Signs of Lifecycle”



Thank you!

Steve Flowers

Solution Consultant

FORCECOM FC-tptc

757.856.2379