



# Vortek Solutions

A **NORTHROP GRUMMAN** Team

## Prototype 1 Meeting Notes

Wednesday, March 17, 2017

Members:

Justin Goulet, Chris Larsen, Mikal Callahan, Brock Corbett

# Prototype 1 Meeting Agenda

## Roll Call

<i>Member Name</i>	<i>Is Present</i>
<i>Justin Goulet</i>	YES
<i>Christopher Larsen</i>	YES
<i>Mikal Callahan</i>	YES
<i>Brock Corbett</i>	YES
<i>Dr. Shauninn-Wu</i>	NO
<i>Thomas (Ty) Usrey</i>	YES

  

<i>Meeting Start</i>	<i>Meeting Adjournment</i>
3:00 PM	3:23 PM

## Topics of Discussion:

### Outstanding Issues:

#### **Decision matrix** - with options and selection criteria defined

- How we interpret requirements
- Ability to theme out prototype
- Does not need to be actual prototype but a decision of how we are going to proceed
  - Does it meet requirements
- Skeleton of information that needs to be passed in
- Live matrix what we are working towards so we can go back and reevaluate, if necessary

## New Agenda Items

Justin Goulet

#### **Project Assignments:**

- Decision Matrix -
  - All team members
- Project Development -
  - Chris Larsen and Brock Corbett (Development Team)
- Additional Themes -
  - Mikal Callahan, Justin Goulet (Design Team)
- User Manual -
  - All team members (Primarily Justin Goulet, PM)
  - Will be Word document, unless explicitly stated.
  - Will contain in-depth examples and guidelines.

**SRS:** The document can be found [here](#) or in a hyperlink in the [GitHub Repository](#). The document will be altered as the project progresses.



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Chris Larsen

**JSON Object Structure:** Proposed change to add “workflow” to object notation to separate out workflow metadata from state metadata (see attached).

**Project Deliverables:** We have provided our current set of deliverables as requested. The User Manual, is a work in progress, however, as we are merging integrations for ease of use.

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Mikal Callahan

**Design Outline:**

What information would you like displayed in the user view vs admin view

- Is it just a matter of the ability to edit?
- Are CSS frameworks allowed if they are already included in the final project (not provided via CDN)

Namely looking at font-awesome,

- Possibly others such as bootstrap or milligram if want a fully responsive layout (mobile, tablet, desktop)

Thoughts on current design?

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Brock Corbett

**Input Management Methods:** When you insert data, what would your preference of view be? (All children collapsed vs expanded)?

**Color Theme:** Would you prefer any other themes with the widget, or to change the layout of each node? Where will images be used, if any, due to restrictions in CSS (or will code be modified by JS, too?)?

In addition to this document, please review the attached documents:

- SRS Version 0.2 (Word Doc Attached) ([Google Drive Editable Link](#))
- Sample Images and Code (Samples Folder)
- Wireframe Documentation
  - Will be sent separately, prior to meeting





## Meeting Notes

### Project Assignments:

- Discussed project assignments
- Informed client which person will oversee what task (see above agenda item).
- User Manual is waiting for merging of projects
  - One Development User Manual
    - Written in Word
  - One Standard User Manual
    - Written in HTML

### SRS:

- Discussed general SRS items:
  - What information is contained
  - Where to locate the document
    - [GitHub Page](#)
    - [Google Drive](#)
- Discussed Design and Implementation Constraints (Section 2.5)
  - No design constraints from client are needed in provided themes
  - Total freedom allowed with design.
- Discussed Security Requirements
  - While no security risks may be specific to this project, we should note that local branch of approved libraries are stored on client servers after verification.

### JSON Object Structure:

- Suggested a modification to the JSON Structure
  - Suggested node be “wrapped” by a workflow object to contain each node.
  - This may be more suitable for parsing data
- Example (shown in meeting by Chris):
  - Pending approval
- See [Appendix A](#) for example modification

### Project Deliverables:

- Team verified which deliverables are due by next meeting
- Team noted that widget progress will be updated through GitHub, by the link of the README
  - [GitHub Link](#)
- Projects will be merged soon
  - Toggle view will be updated to relate to the more-descriptive view

### Design Outline:

- Discussed current wireframe design
  - Pending approval
- CSS Documentation will be coded in



- Two views:
  - Admin should allow for editing
  - User should be view only (results)
  - May need an 'admin' flag somewhere in the workflow object
- Bootstrap is okay to use (previously approved by organization)
- General Design Comments:
  - On initial diagram, the single state should include a second phase that breaks out and highlights the current limits versus what is shown.
  - Compact version of symbols preferred (dollar sign location on node)
  - Current design is good – up to us for provided themes

## **Input Management Methods:**

- Expanded view should be the first thing user sees
  - All relationships expanded
- SVG styling on the nodes is a plus
- Show a display icon to notify the user that a parent node has children (when collapsed)
- FontAwesome is okay to use for images

## **Color Theme:**

- As mentioned prior, theme is up to us



## Appendix A

```
{
  "workflow": {
    "id": 10001,
    "rev": 0,
    "name": "My First Workflow",
    "desc": "A simple three state flow",
    "start": "1 / 1 / 2001 13: 00",
    "end": "",
    "lastupdate": "",
    "iteration": 0,
    "percentcomplete": 15,
    "status": "Creating",
    "state": {
      "id": 100,
      "name": "Start"
    },
    "visibility": "public",
    "type": "Simple",
    "owner": {
      "id": 3001,
      "name": "John Doe",
      "email": "john.doe@mail.com"
    },
    "states": [{
      "id": 100,
      "rev": 0,
      "iteration": 0,
      "percentcomplete": 50,
      "start": "1 / 1 / 2001 13: 00",
      "end": "",
      "actualhours": 2,
      "plannedhours": 4,
      "name": "Start",
      "desc": "first state",
      "required": "Y",
      "status": "Active",
      "participants": [{
        "id": 3001,
        "name": "John Doe",
        "email": "john.doe@mail.com",
        "permission": "write",
        "currentuser": "Y"
      }],
    }],
  },
}
```



```
"entrycondition": [],
"actions": [{
  "name": "save",
  "action": "save()"
}, {
  "name": "delete",
  "action": "delete()"
}, {
  "name": "open",
  "action": "open()"
}],
"exitcondition": [{
  "condition": {
    "status": "open"
  },
  "nextstate": 101
}, {
  "condition": {
    "status": "delete"
  },
  "nextstate": 102
}],
"form": {
  "id": 100,
  "name": "Record"
}
},
```