

# Jira Agile w/WBS Gantt Project Management Process

Jira Agile with WBS Gantt form a Web or  
Server Based Collaborative Project  
Management Process

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# Jira Agile w/WBS Gantt Project Management

- The Primary Objective of Project Management is to assure Quality while maintaining a Balance of Scope, Cost and Time.



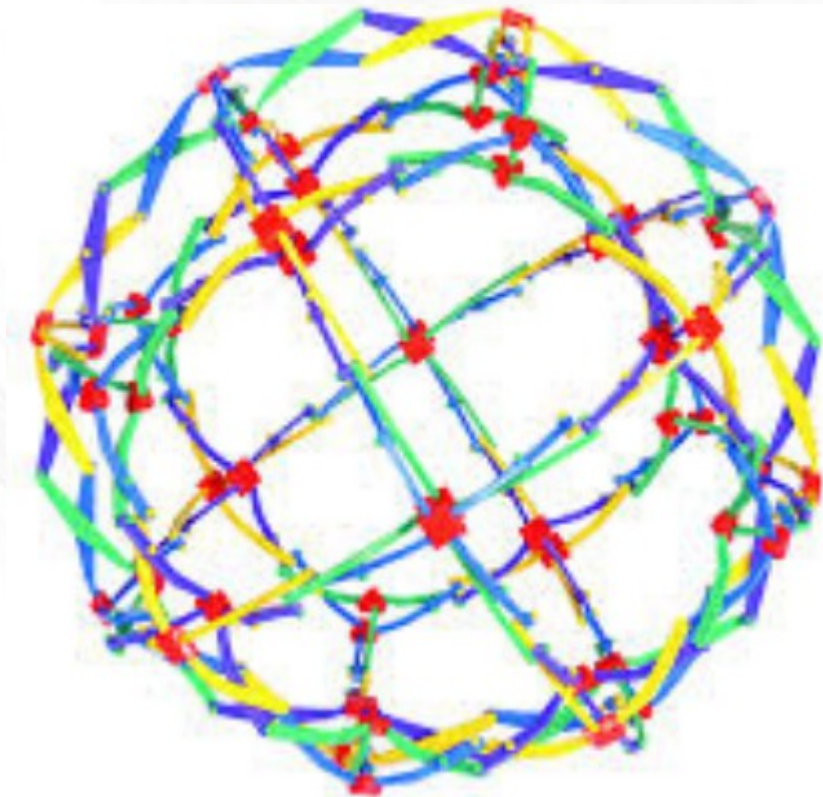
# Jira Agile w/WBS Gantt Project Management

## Inherent Paradox of Projects:

- Scope is often not well defined
  - R&D, Change Orders
- Time (Schedule) is driven by 3<sup>rd</sup> parties
  - Penalty Clause, Sub-Vendors
- Cost (Profit) can be diminished by Scope, Time and/or Quality
  - Material Costs, Currency Revaluation

# Jira Agile w/WBS Gantt Project Management

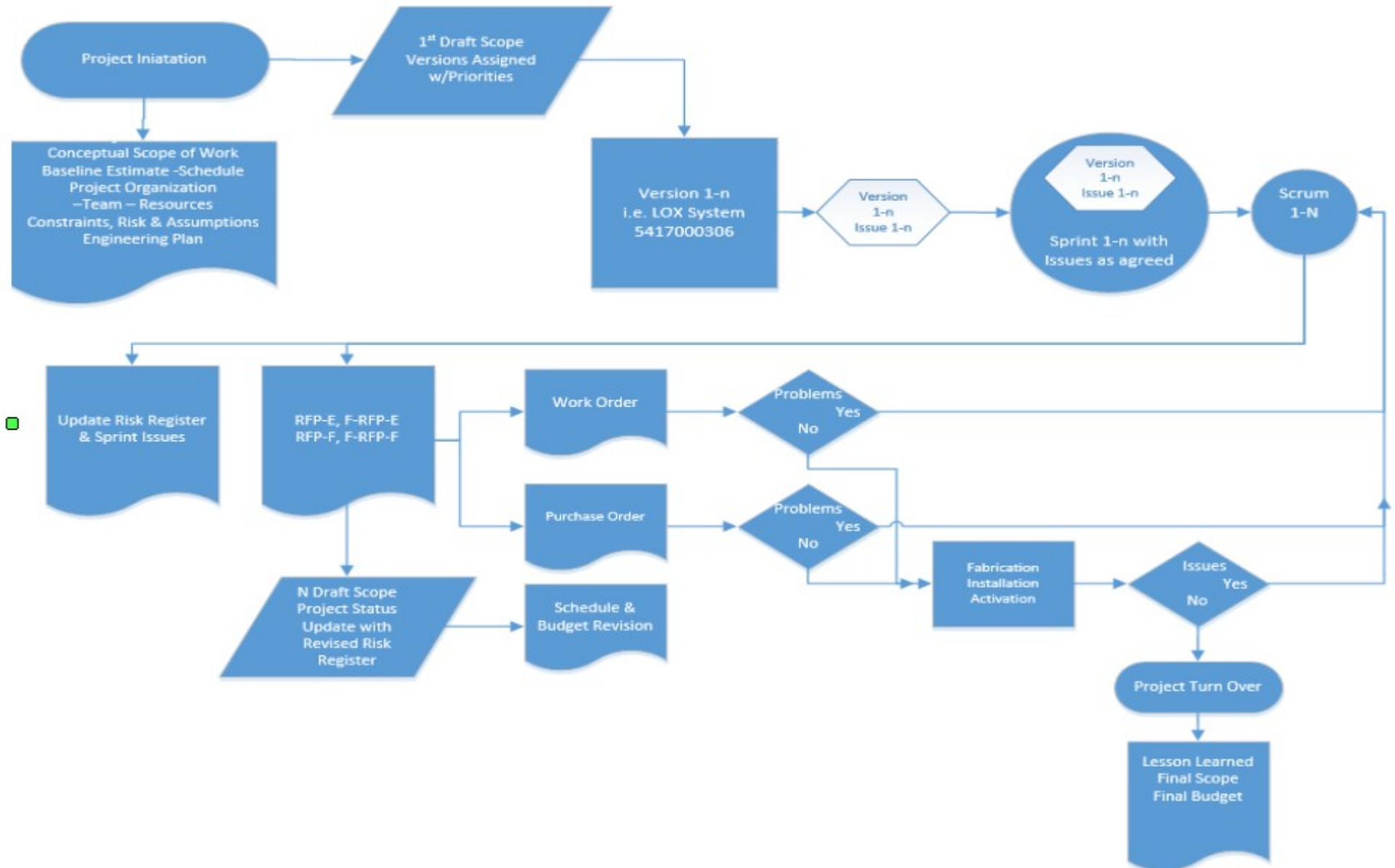
- Projects consists of Issues (Tasks) which are affected by any Event to any other Issue



# Jira Agile w/WBS Gantt Project Management

- Project Scope is defined by Components (Systems).
- Components are Work Areas which contain various Issues.
- Issues are the work that needs to be done defined as Tasks or Sub-tasks
- Versions are Milestones in any Components
- Following slide shows typical PM Work Flow

# Jira Agile w/WBS Gantt Project Management



# Jira Agile w/WBS Gantt Project Management

- Issues are created as Task or Sub-tasks. All data entered is automatically shared with WBS Gantt.

Create issue


Import issues

Configure fields ▾

Project\*

 Hyprep Project (HP) ▾


Issue Type\*

Task ▾ 

Some issue types are unavailable due to incompatible field configuration and/or workflow associations.

Summary\*




Attachment

 Drop files to attach, or [browse](#).

Due date



Description

Style ▾ | **B** | *I* | U | **A** ▾ | ~~A~~ ▾ |  ▾ |  ▾ |  |  |  ▾ | + ▾

# Jira Agile w/WBS Gantt Project Management

- Comments made in Issues are sent by email to team members. Email replies from team members are automatically noted in the issue comment box.

The screenshot shows the Jira issue creation form with the following fields and values:

- Reporter\***: frank tybor
- Assignee**: Automatic
- Priority**: Medium
- Labels**: (empty)
- Original Estimate**: (empty) (eg. 3w 4d 12h)
- Remaining Estimate**: (empty) (eg. 3w 4d 12h)

At the bottom right, there are three buttons: "Create another" (disabled), "Create" (active), and "Cancel".



# Jira Agile w/WBS Gantt Project Management

- Kaban Boards are used during scrums to tract status of various issues for each project.

The screenshot displays a Jira Agile Kanban board for the 'Hyprep Project'. The interface includes a left-hand navigation menu with options like Summary, Board, Issues, Reports, Components, Project managem..., Business projects b..., Add item, and Project settings. The main board area is titled 'Projects / Hyprep Project Board' and features a search bar and filters for 'Assigned to me' and 'Due this week'. The board is organized into three columns: 'TO DO 3', 'IN PROGRESS 4', and 'DONE 0'. The 'TO DO' column contains three issues: 'Stage 1: SFN HYPREP REGISTRATION-HP-2' (with a red 'S' status indicator), 'Stage 2: Pre Order and Order Phase-HP-13', and 'Stage3: Field Work-HP-15'. The 'IN PROGRESS' column contains four issues: 'Hyprep Status-HP-1' (with a date of 'Feb 03' and 'FT' status), 'SFN-DOCS-HP-4' (with 'FT' status), 'Contractors-HP-3' (with 'FT' status), and 'Process Design Upgrade-HP-16' (with 'FT' status). The 'DONE' column is currently empty and contains the text 'Looking for an older issue?'. A '+ Create' button is located at the bottom of the 'TO DO' column.

# Jira Agile w/WBS Gantt Project Management

- Filters are used to query the data base in order to generate Rails (Task lists) with infinite queries across many projects

Filter of Hyprep Project (HP) 4

— Edited Save Details

Hyprep Project Task Status: All frank tybor + More Contains text Search Switch to JQL

Order by

- HP-16  
Process Design Upgrade-HP-16
- HP-14  
VGR-HOT HED-HP-14
- HP-4  
SFN-DOCS-HP-4
- HP-3  
Contractors-HP-3
- HP-1  
Hyprep Status-HP-1

1 of 5

Projects / Hyprep Project / HP-16

## Process Design Upgrade-HP-16

In Progress

### Description

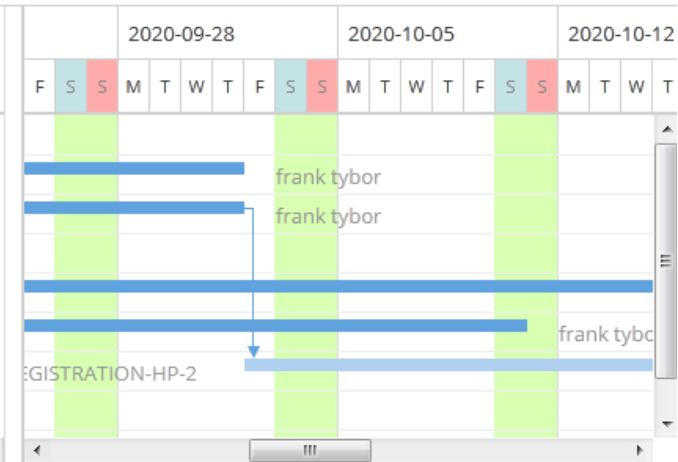
An enhancement of the current Shearforce Process design is required to increase the tank design from 10 m<sup>3</sup> per load to 15 m<sup>3</sup> per load. This will require an larger wash tank, more nozzles/educators, and additional mixer (possible two stage)

# Jira Agile w/WBS Gantt Project Management

- WBS Gantt creates Project Schedules from the Project Issues (Task & Sub tasks.)
- The Project Tasks & Sub tasks from Jira Agile integrate seamlessly with WBS Gantt.
- Work loads are automatically generated from WBS Gantt.

# Jira Agile w/WBS Gantt Project Management

#	Project/Version/Issue	Key	Assignee	Start ↑	Finish	Durati...
1	▼ Hyprep Project					
1-1	✓ Hyprep Status-HP-1	HP-1	frank ty...	2017/01/02	2020/10/01	979 days
1-2	✓ SFN-DOCS-HP-4	HP-4	frank ty...	2017/01/02	2020/10/01	979 days
1-5	✓ VGR-HOT HED-HP-14	HP-14	frank ty...	2017/12/21	2020/01/17	542 days
1-4	✓ Contractors-HP-3	HP-3	frank ty...	2020/01/31	2021/03/26	301 days
1-3	✓ Process Design Upgrade-HP-16	HP-16	frank ty...	2020/05/31	2020/10/10	95 days
1-6	✓ Stage 1: SFN HYPREP REGISTRATION-HP-2	HP-2	shajmani	2020/10/02	2021/02/04	90 days
1-7	✓ Stage 2: Pre Order and Order Phase-HP-13	HP-13		2021/02/05	2021/06/30	104 days



Assignee	Units
frank tybor	100%
shajmani	100%

