Click here to open an Excel document that contains detailed explanations of each subprocess step titled 1-Web GIS Decision Tree Subprocesses. Customer Request <u>Questionnaires</u> Requirements Requirement Gathering Go to Page 2 Initial Project Prioritization Preferred Vendor List Request added to project queue. Will the Project Dept may seek contract support Continue? Define Data Application Needs Solution Go to Page 4 Go to Page 3 **Business Workflow** Product Information & Requirements Document **Build** and Share Mockup/ Draft **Customer Testing** Update Feedback Loop Requirements and **Product Information** Documents Go to Page 5 Are there issues or change requests? No Move to Production Go to Page 6 **Data Updates** Go to Page 6 **Best Practices** Success 1. Application Development 2. Portal Implementation Go to Page 7 App 3. Enterprise Integration Maintenance 4. Environment Isolation **Project Closeout** 8. Project Prioritization 9. Publication Strategy 10. Workforce Development 11. GIS Business Patterns **FINAL** Product Information Document Page notations provide additional detail on 14. Workload Separation subprocesses and are clickable (i.e., will go to the 15. Smart Community Model page, hold Ctrl and click the text). 16. Web GIS Committee A shape with color shading indicates *While most Best Practices can be applied to subprocesses there are others

where the Questionnaire answers will aid

with decisions.

5. High Availability 6. IT Governance

7. Load Balancing

12. Identity

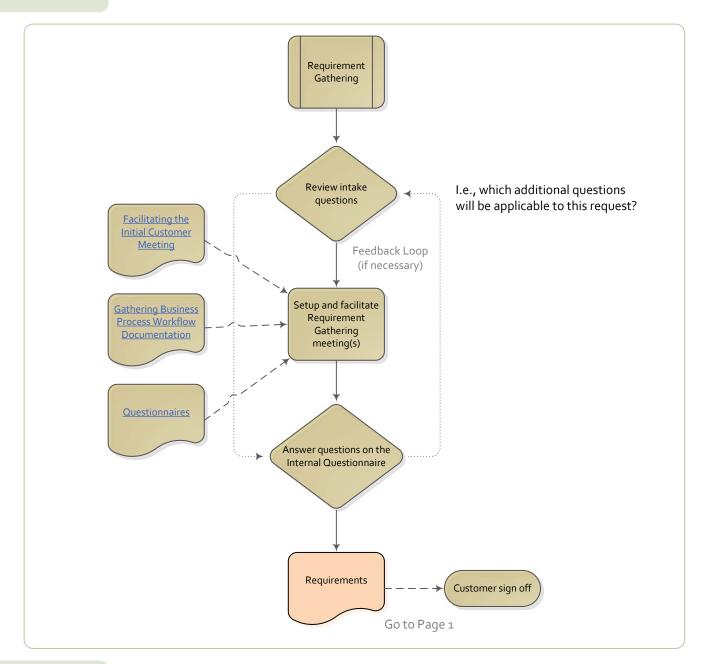
13. Security

applied in this document.

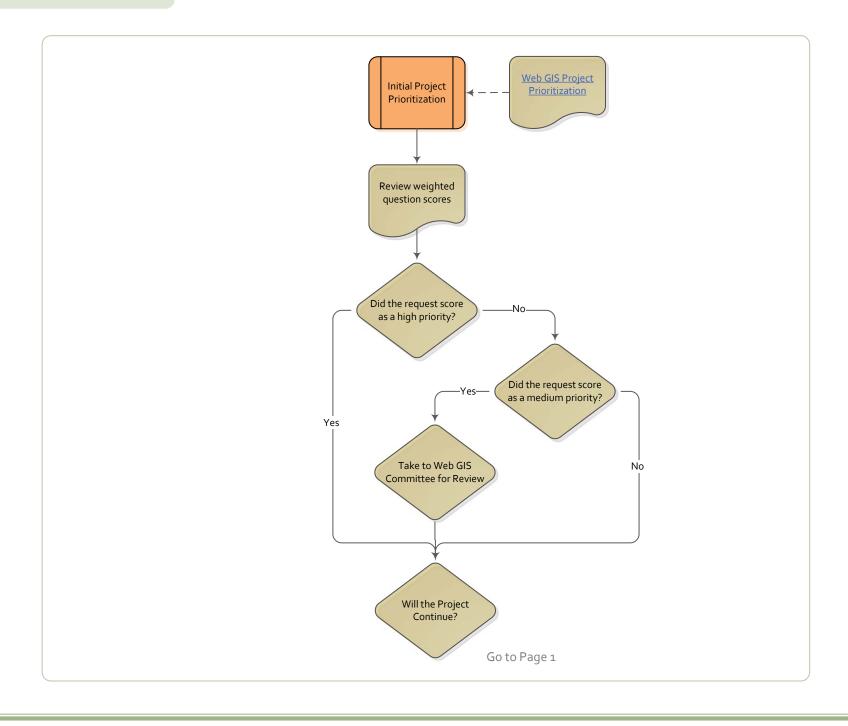
where the decision about the best path forward for MSB has been made for the

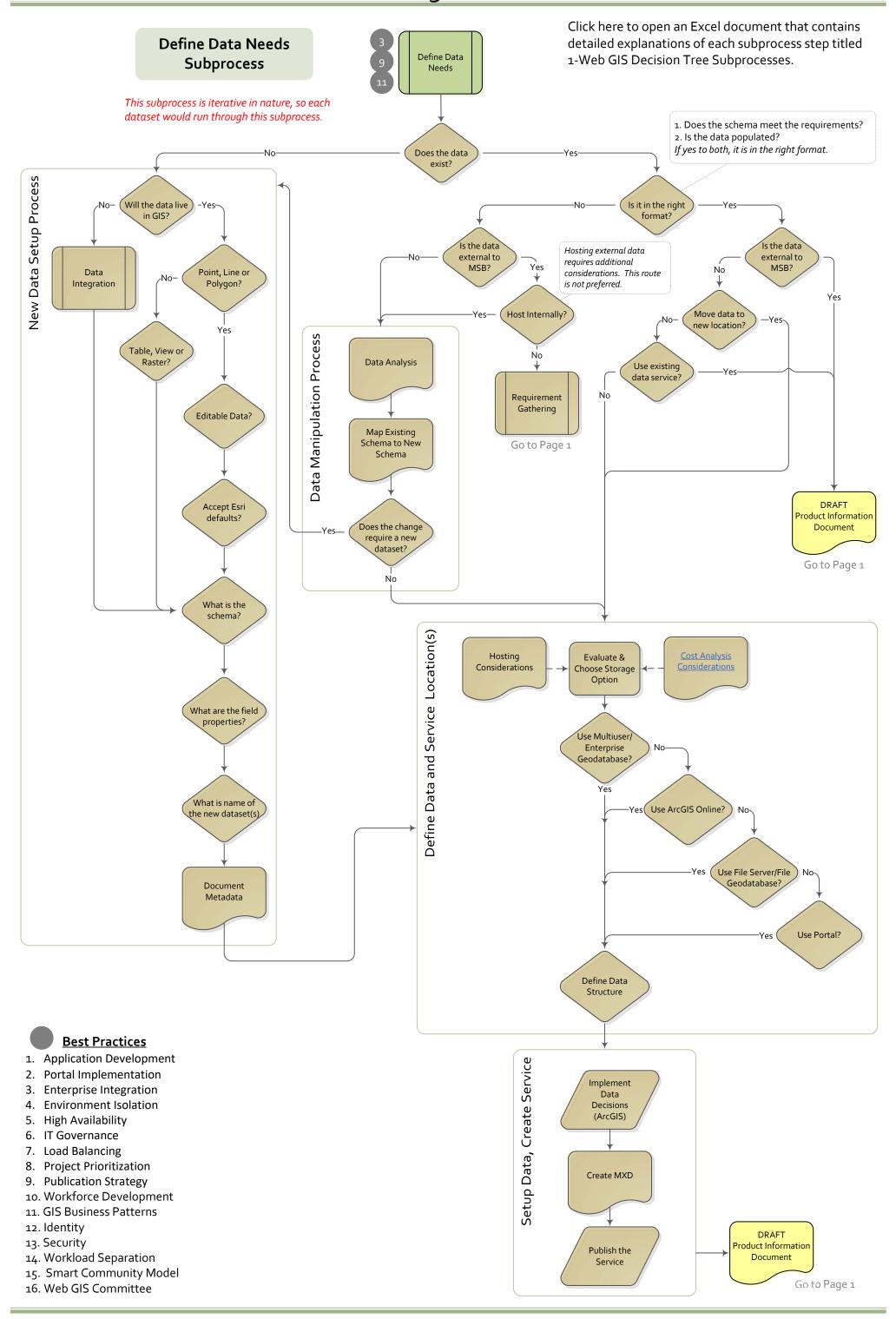
analyst prior to beginning this decision tree, therefore not all numbers will be

Requirements Gathering Subprocess



Initial Project Prioritization Subprocess





Click here to open an Excel document that contains **Define Application** detailed explanations of each subprocess step titled **Solution Subprocess** 1-Web GIS Decision Tree Subprocesses. Application Solution Esri Solutions Use existing Borough **Gallery for Local** Application? Government ArcGIS Online and Portal Templates Use Esri Web Map? WebApp Builder <u>Widgets</u> Use Esri Template? User Esri WebApp Builder? Use Geocortex? Custom build process, resources identification Go to Page 9 Define Application Hosting Hosting Cost Analysis Evaluate & Choose Considerations Considerations Storage Option Use Portal? Use ArcGIS Online? Use Web Server? Use ArcGIS Server? Use Geocortex? Define Data Structure **Best Practices**

DRAFT

Product Information

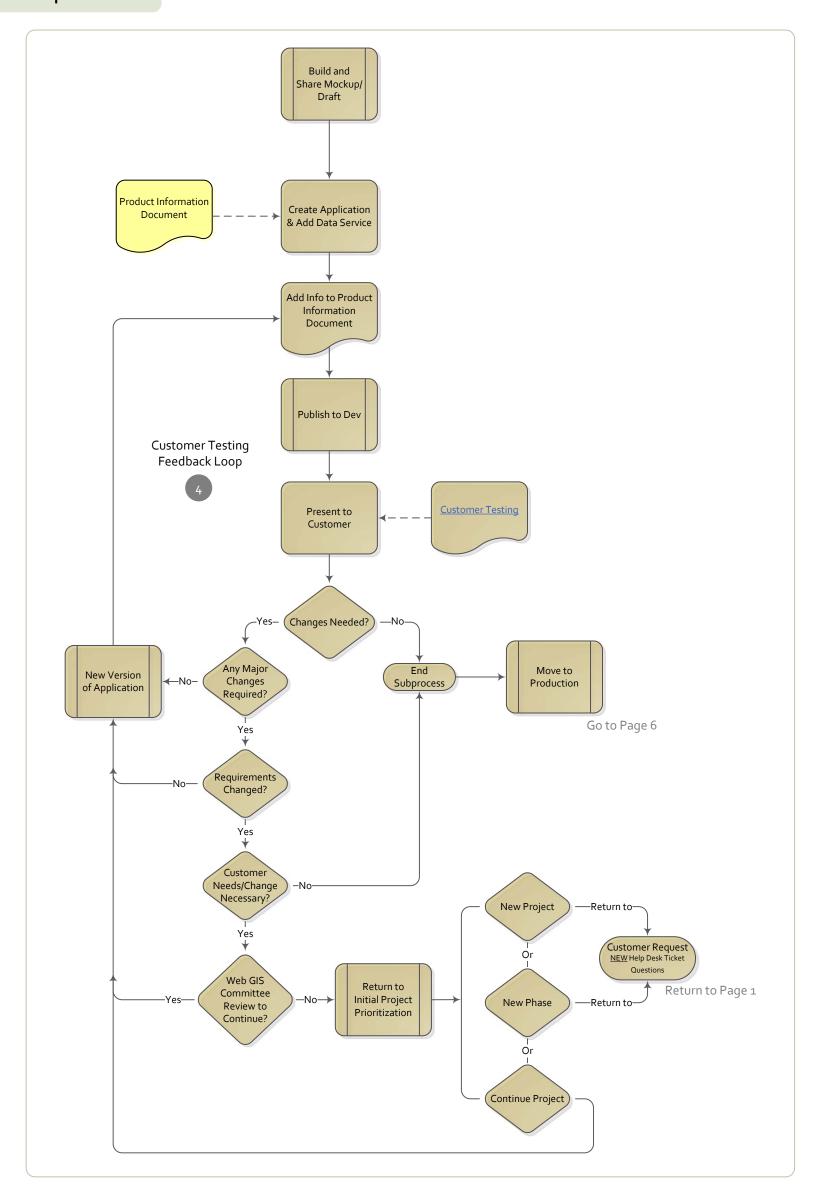
Go to Page 1



- 1. Application Development
- 2. Portal Implementation
- 3. Enterprise Integration
- 4. Environment Isolation
- 5. High Availability 6. IT Governance
- 7. Load Balancing
- 8. Project Prioritization
- 9. Publication Strategy
- 10. Workforce Development 11. GIS Business Patterns
- 12. Identity
- 13. Security
- 14. Workload Separation
- 15. Smart Community Model
- 16. Web GIS Committee

Build and Share Mockup/ Draft Subprocess

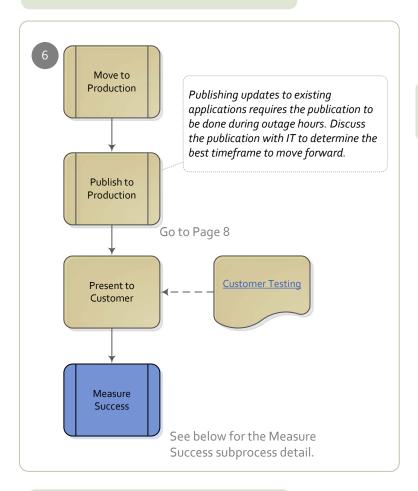
Click here to open an Excel document that contains detailed explanations of each subprocess step titled 1-Web GIS Decision Tree Subprocesses.



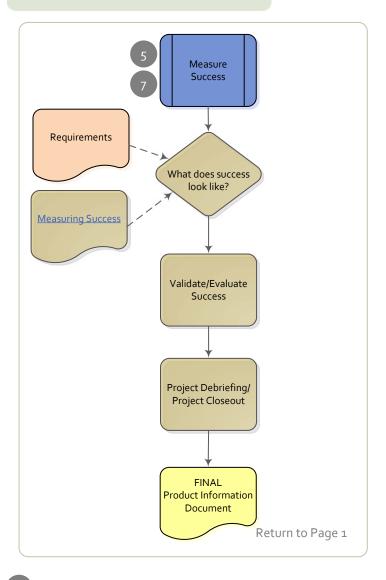
Best Practices

- 1. Application Development
- 2. Portal Implementation
- 3. Enterprise Integration
- 5. High Availability
- 6. IT Governance
- 4. Environment Isolation
- 7. Load Balancing 8. Project Prioritization
- Publication Strategy
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- 14. Workload Separation
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Move to Production Subprocess



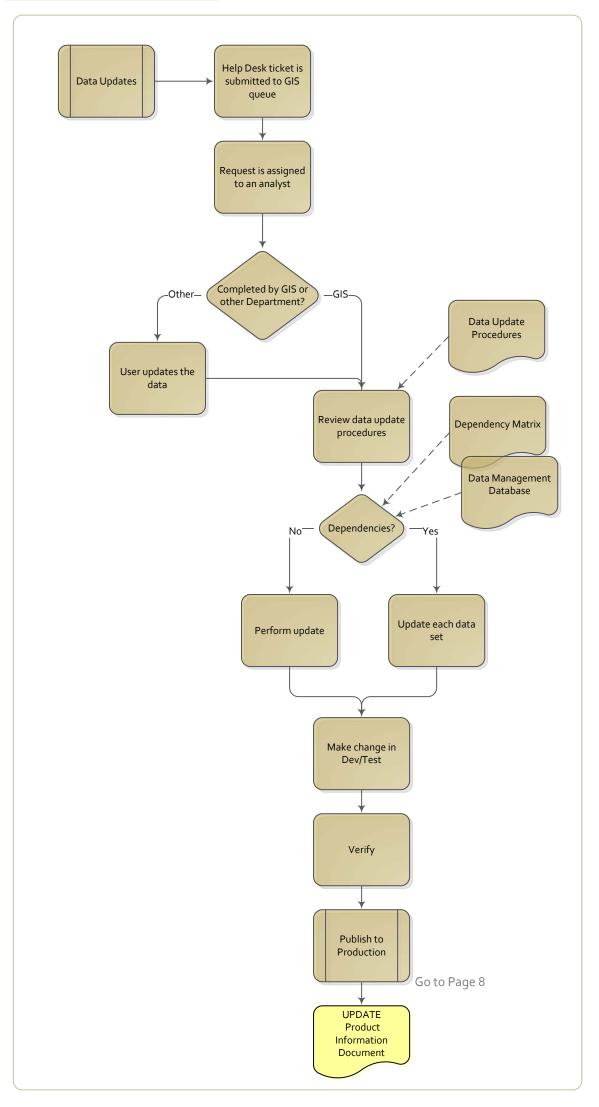
Measuring Success Subprocess



Best Practices

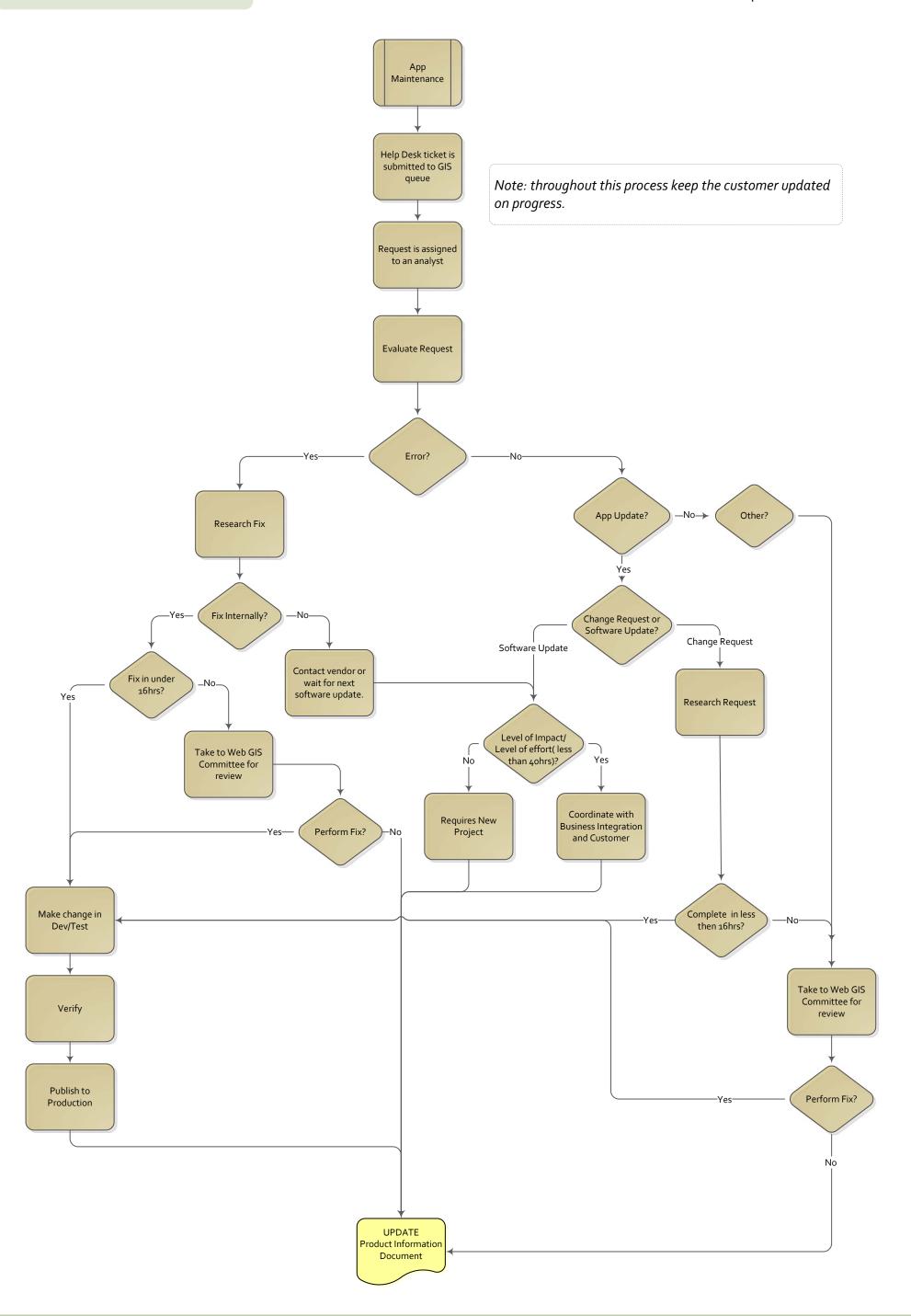
- 1. Application Development
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Data Updates Subprocess



App Maintenance Subprocess

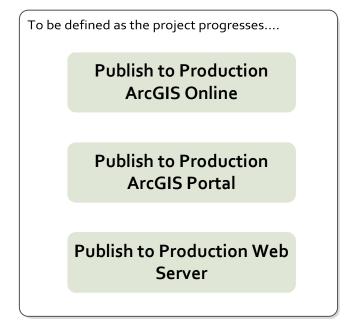
Click here to open an Excel document that contains detailed explanations of each subprocess step titled 1-Web GIS Decision Tree Subprocesses.



Publish to Production Geocortex

Publish to Production Create new migration script on Geocortex Test (If needed) Execute the migration script Customer Go to Page 6 Publishing updates to existing applications requires the publication to be done during outage hours. Discuss the publication with IT to determine the best timeframe to move forward.

Click here to open an Excel document that contains detailed explanations of each subprocess step titled 1-Web GIS Decision Tree Subprocesses.

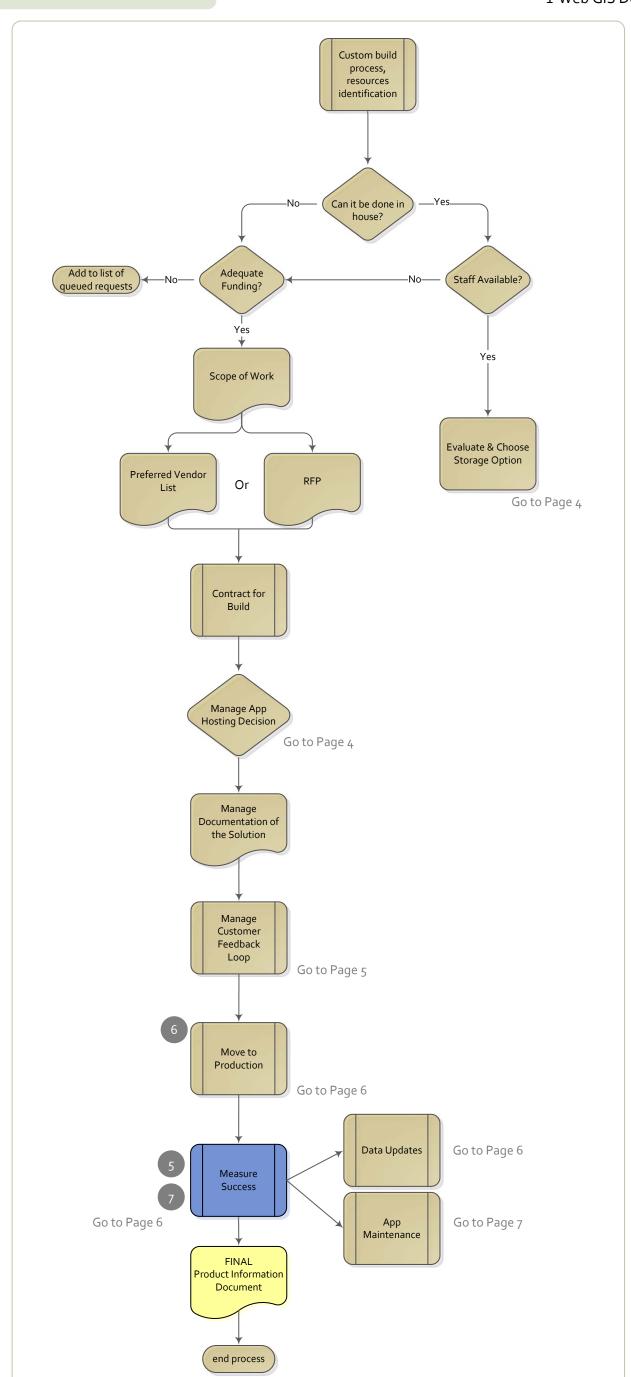




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Custom Build Subprocess

Click here to open an Excel document that contains detailed explanations of each subprocess step titled 1-Web GIS Decision Tree Subprocesses.



B

Best Practices

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