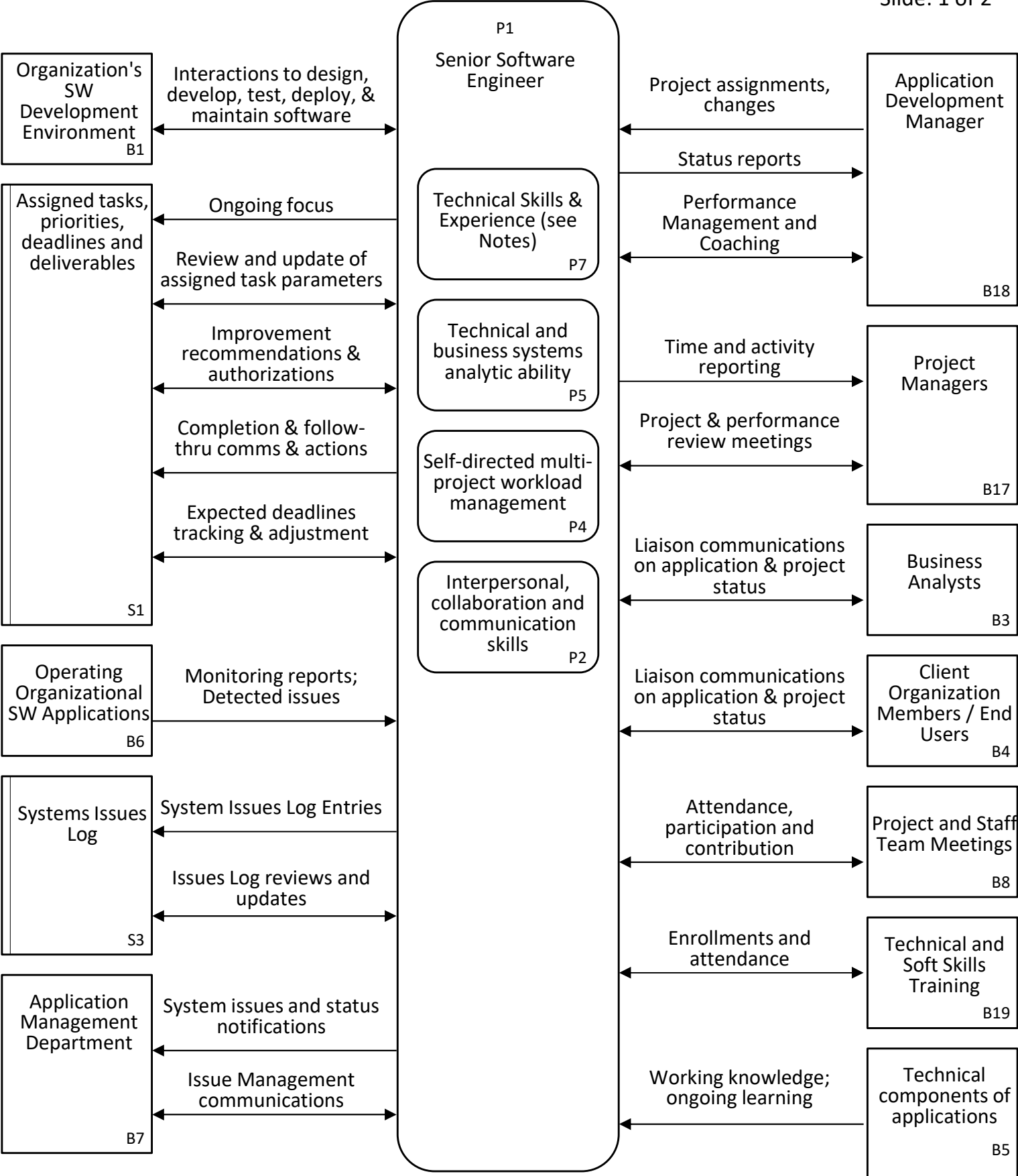


# ActionMap® Job Map for **Senior Software Engineer**

## Table of Contents

- Map of the job (PowerPoint) 2
- List: Map Parts, Evaluations, Notes (Excel)
  - Main Text only 4
  - Detail with Priorities and Action Plan 7
- Text of the original job description 9
- Contact information 10
  
- Links:  
[How the content was created](#)

Area Title:	Senior Software Engineer	ID:	GM24AX3V
Map Title:	Senior Software Engineer	Map ExtID:	J8RK3QR9
Map Type:	Map	Date/Time:	2024/08/03 10:58:03 PM



Organization's SW Development Environment  
B1

Interactions to design, develop, test, deploy, & maintain software

P1  
Senior Software Engineer

Project assignments, changes

Application Development Manager  
B18

Assigned tasks, priorities, deadlines and deliverables  
S1

Ongoing focus

Technical Skills & Experience (see Notes)  
P7

Status reports

Application Development Manager  
B18

Review and update of assigned task parameters

Technical and business systems analytic ability  
P5

Performance Management and Coaching

Improvement recommendations & authorizations

Self-directed multi-project workload management  
P4

Time and activity reporting

Project Managers  
B17

Completion & follow-thru comms & actions

Interpersonal, collaboration and communication skills  
P2

Project & performance review meetings

Expected deadlines tracking & adjustment

Liaison communications on application & project status

Business Analysts  
B3

Operating Organizational SW Applications  
B6

Monitoring reports; Detected issues

Liaison communications on application & project status

Client Organization Members / End Users  
B4

Systems Issues Log  
S3

System Issues Log Entries

Attendance, participation and contribution

Project and Staff Team Meetings  
B8

Issues Log reviews and updates

Enrollments and attendance

Technical and Soft Skills Training  
B19

Application Management Department  
B7

System issues and status notifications

Working knowledge; ongoing learning

Technical components of applications  
B5

Issue Management communications

Area Title: Senior Software Engineer

ID: GM24AX3V

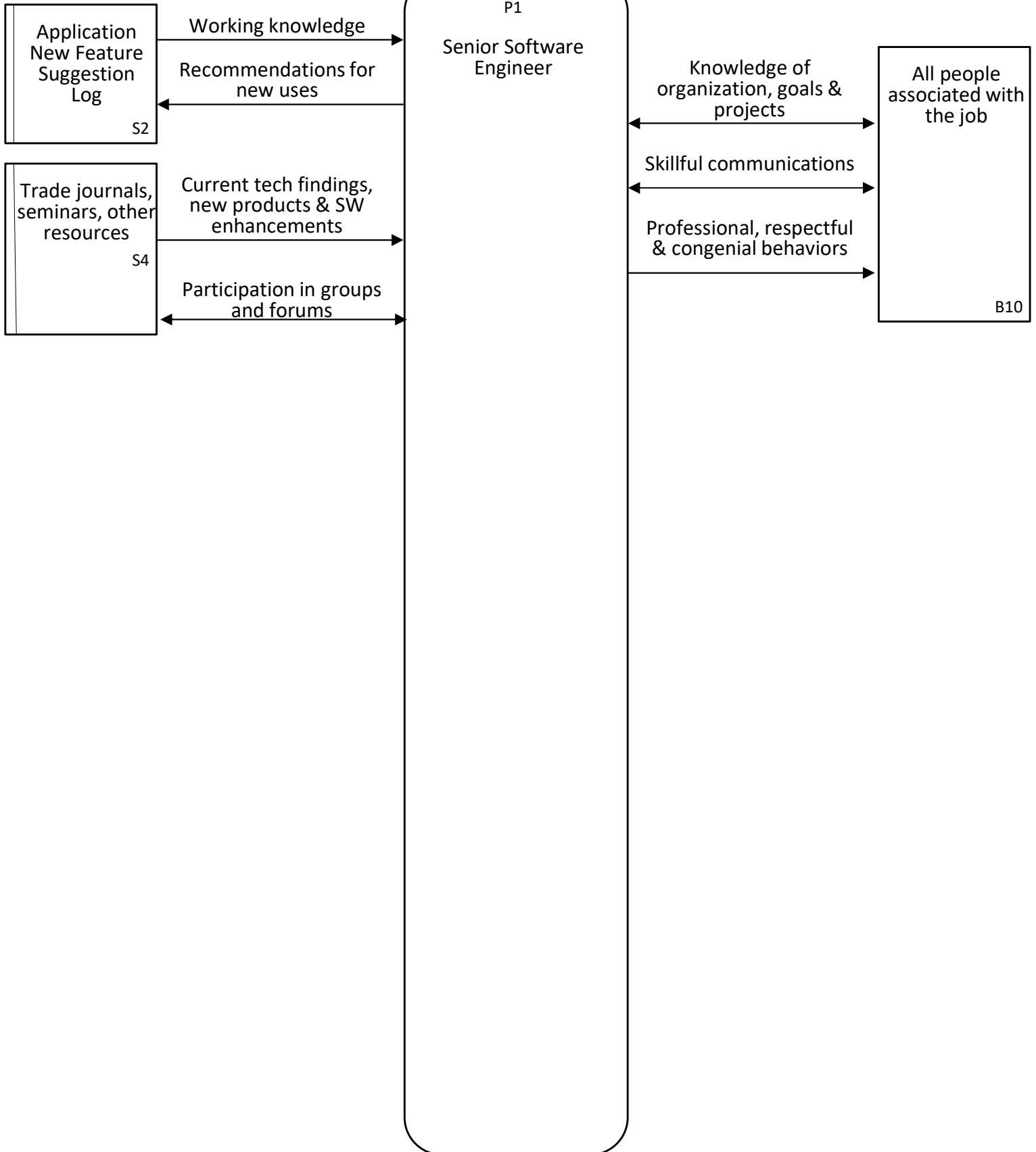
Map Title: Senior Software Engineer

Map ExtID: J8RK3QR9

Map Type: Map

Date/Time: 2024/08/03 10:58:03 PM

Slide: 2 of 2



Map and Plan Area: **Senior Software Engineer**  
 Map and Plan Area ID: **GM24AX3V**  
 Map Title: **Senior Software Engineer**  
 List Title: **Map Parts, Evaluations & Notes - Main Text Only**  
 Date/Time: **2024/08/03 10:58:03 PM**

Flow codes: ==>[] : to Central Process; <==[] : from Central Process; <==> : to/from Central Process

<b>Main Text</b>	
<b>Senior Software Engineer</b>	<i>Map and Plan Area Name</i>
<b>Senior Software Engineer</b>	<i>Map Central Process</i>
<i>Note</i>	Person, Job or Role
<i>Note</i>	Current/Future Exploration
<i>Note</i>	Full Job
<i>Note</i>	The senior software engineer
<i>Major Goal</i>	Promotion to Systems Architect
<i>Major Goal</i>	Exceed expectations on next performance review
<i>Major Goal</i>	Reduced Job Stress
<i>Major Issue</i>	Changing organizational structure
<i>Major Issue</i>	Budget and project scheduling changes due to attention to AI
<i>Major Issue</i>	Conflicting requirements from customers / end users
<i>Major Change Idea</i>	Explore AI code writing for routine tasks
<i>Major Change Idea</i>	Request mentoring on the systems architect role
<i>Major Change Idea</i>	Continue taking training courses to improve communication skills
<b>Technical Skills &amp; Experience (see Notes)</b>	P7
<i>Note</i>	Rest APIs
<i>Note</i>	UI/UX design and development;
<i>Note</i>	JavaScript library frameworks such as jQuery, Angular, Node.js & React
<i>Note</i>	Reporting Tools like MS SSRS and Crystal Reports
<i>Note</i>	SharePoint
<i>Note</i>	Domain specific knowledge
<b>Technical and business systems analytic ability</b>	P5
<b>Self-directed multi-project workload management</b>	P4
<b>Interpersonal, collaboration and communication skills</b>	P2
<i>Note</i>	Needs excellence
<i>Note</i>	Ability to work with diverse personalities
<b>Left Side Column</b>	
<b>Organization's SW Development Environment</b>	B1
<==>	<b>Interactions to design, develop, test, deploy, &amp; maintain software</b>
<i>Goal</i>	Write well-documented, tested and high quality code
<i>Issue</i>	Inconsistent use of standard communication protocols
<b>Assigned tasks, priorities, deadlines and deliverables</b>	S1
<==[]	<b>Ongoing focus</b>
<i>Goal</i>	More sleep
<==>	<b>Review and update of assigned task parameters</b>
<i>Change Idea</i>	Develop faster and more reliable review procedure

<b>&lt;=&gt; Improvement recommendations &amp; authorizations</b>
<i>Goal</i> More, sooner feedback on and status of suggestions
<b>&lt;==[] Completion &amp; follow-thru comms &amp; actions</b>
<i>Goal</i> 100% resolution of assignment requirements
<b>&lt;=&gt; Expected deadlines tracking &amp; adjustment</b>
<i>Goal</i> Training course on negotiation
<i>Change Idea</i> Training course on project time estimates
<b>Operating Organizational SW Applications</b> B6
<b>==&gt;[] Monitoring reports; Detected issues</b>
<i>Issue</i> Should this be the responsibility of this role? Belongs to App or Ops management?
<b>Systems Issues Log</b> S3
<i>Issue</i> Same issue: is this appropriate for this role?
<b>&lt;==[] System Issues Log Entries</b>
<b>&lt;=&gt; Issues Log reviews and updates</b>
<b>Application Management Department</b> B7
<b>&lt;==[] System issues and status notifications</b>
<i>Issue</i> Should this be initially only through the issues log?
<b>&lt;=&gt; Issue Management communications</b>
<i>Goal</i> More structured agendas and action item capture
<b>New uses for applications</b> S2
<b>==&gt;[] Working knowledge</b>
<i>Goal</i> Set periodic reminder to read the application release log
<b>&lt;==[] Recommendations for new uses</b>
<i>Goal</i> Target: one per month
<b>Trade journals, seminars, other resources</b> S4
<b>==&gt;[] Current tech findings, new products &amp; SW enhancements</b>
<i>Change Idea</i> Request attendance at the XYZ tradeshow (long shot)
<b>Right Side Column</b>
<b>Application Development Manager</b> B18
<b>[]&lt;== Project assignments, changes</b>
<i>Issue</i> Too many assigned projects, too much time spent switching between projects
<b>[]==&gt; Status reports</b>
<i>Goal</i> Reduce time spent in completing status reports
<b>&lt;=&gt; Performance Management and Coaching</b>
<i>Change Idea</i> Discuss path to systems architect role
<i>Change Idea</i> More frequent feedback
<b>Project Managers</b> B17
<b>[]==&gt; Time and activity reporting</b>
<i>Issue</i> Occasional miscommunication on time allocations
<i>Note</i> Form #TAR001
<b>&lt;=&gt; Project &amp; performance review meetings</b>
<i>Goal</i> Reduce meeting time
<b>Business Analysts</b> B3
<b>&lt;=&gt; Liaison communications on application &amp; project status</b>

<i>Issue</i> Scheduling conflicts lead to delay in requirements capture and issue resolution
<b>Client Organization Members / End Users</b> B4
<==> <b>Liaison communications on application &amp; project status</b>
<i>Change Idea</i> Greater clarity on business organizational roles and responsibilities
<b>Project and Staff Team Meetings</b> B8
<==> <b>Attendance, participation and contribution</b>
<b>Technical and Soft Skills Training</b> B19
<i>Goal</i> Continue commitment of 4 hours per month of training
<==> <b>Enrollments and attendance</b>
<b>Technical components of applications</b> B5
[]<== <b>Working knowledge; ongoing learning</b>
<i>Change Idea</i> Review overall system application map; practice sketching it
<==> <b>Participation in groups and forums</b>
<b>All people associated with the job</b> B10
<i>Goal</i> Continue commitment of 4 hours per month of training
<i>Goal</i> Be attentive to other people's needs and interest
<==> <b>Knowledge of organization, goals &amp; projects</b>
<i>Change Idea</i> Set 3-month reminders to review latest organization chart and project portfolio
<==> <b>Skillful communications</b>
<i>Goal</i> Meeting leadership training
[]=> <b>Professional, respectful &amp; congenial behaviors</b>

Map and Plan Area: **Senior Software Engineer**  
 Map and Plan Area ID: **GM24AX3V**  
 Map Title: **Senior Software Engineer**

Map Title: **Senior Software Engineer**  
 List Title: **Map Parts, Evaluations, Notes, Priorities, Action Plan**

Flow codes: ==>[] : to Central Process; <==[] : from Central Process; <==> : to/from Central Process

Main Text	Priorty A	Priorty B	Priorty C	Action	Who	When	Progress/Status/Notes
<b>Senior Software Engineer</b> <i>Map and Plan Area Name</i>	0	0	0				
<b>Senior Software Engineer</b> <i>Map Central Process</i>	0	0	0				
<i>Note</i> Person, Job or Role	0	0	0				
<i>Note</i> Current/Future Exploration	0	0	0				
<i>Note</i> Full Job	0	0	0				
<i>Note</i> The senior software engineer	0	0	0				
<i>Major Goal</i> Promotion to Systems Architect	0	0	0				
<i>Major Goal</i> Exceed expectations on next performance review	0	0	0				
<i>Major Goal</i> Reduced Job Stress	0	0	0				
<i>Major Issue</i> Changing organizational structure	0	0	0				
<i>Major Issue</i> Budget and project scheduling changes due to attention to AI	0	0	0				
<i>Major Issue</i> Conflicting requirements from customers / end users	0	0	0				
<i>Major Change Idea</i> Explore AI code writing for routine tasks	0	0	0				
<i>Major Change Idea</i> Request mentoring on the systems architect role	0	0	0				
<i>Major Change Idea</i> Continue taking training courses to improve communication skills	0	0	0				
<b>Technical Skills &amp; Experience (see Notes)</b> P7	0	0	0				
<i>Note</i> Rest APIs	0	0	0				
<i>Note</i> UI/UX design and development;	0	0	0				
<i>Note</i> JavaScript library frameworks such as JQuery, Angular, Node.js & React	0	0	0				
<i>Note</i> Reporting Tools like MS SSRS and Crystal Reports	0	0	0				
<i>Note</i> SharePoint	0	0	0				
<i>Note</i> Domain specific knowledge	0	0	0				
<b>Technical and business systems analytic ability</b> P5	0	0	0				
<b>Self-directed multi-project workload management</b> P4	0	0	0				
<b>Interpersonal, collaboration and communication skills</b> P2	0	0	0				
<i>Note</i> Needs excellence	0	0	0				
<i>Note</i> Ability to work with diverse personalities	0	0	0				
<b>Left Side Column</b>	0	0	0				
<b>Organization's SW Development Environment</b> B1	0	0	0				
<==> <b>Interactions to design, develop, test, deploy, &amp; maintain software</b>	0	0	0				
<i>Issue</i> Multiple project management and collaboration tools	0	0	0				
<i>Issue</i> Inconsistent use of standard communication protocols	0	0	0				
<b>Assigned tasks, priorities, deadlines and deliverables</b> S1	0	0	0				
<==[] <b>Ongoing focus</b>	0	0	0				
<i>Goal</i> More sleep	0	0	0				
<==> <b>Review and update of assigned task parameters</b>	0	0	0				
<i>Change Idea</i> Develop faster and more reliable review procedure	0	0	0				
<==> <b>Improvement recommendations &amp; authorizations</b>	0	0	0				
<i>Goal</i> More, sooner feedback on and status of suggestions	0	0	0				
<==[] <b>Completion &amp; follow-thru comms &amp; actions</b>	0	0	0				
<i>Goal</i> 100% resolution of assignment requirements	0	0	0				
<==> <b>Expected deadlines tracking &amp; adjustment</b>	0	0	0				
<i>Goal</i> Training course on negotiation	0	0	0				
<i>Change Idea</i> Training course on project time estimates	0	0	0				
<b>Operating Organizational SW Applications</b> B6	0	0	0				
==>[] <b>Monitoring reports; Detected issues</b>	0	0	0				
<i>Issue</i> Should this be the responsibility of this role? Belongs to App or Ops management?	0	0	0				
<b>Systems Issues Log</b> S3	0	0	0				
<i>Issue</i> Same issue: is this appropriate for this role?	0	0	0				
<==[] <b>System Issues Log Entries</b>	0	0	0				
<==> <b>Issues Log reviews and updates</b>	0	0	0				
<b>Application Management Department</b> B7	0	0	0				
<==[] <b>System issues and status notifications</b>	0	0	0				
<i>Issue</i> Should this be initially only through the issues log?	0	0	0				
<==> <b>Issue Management communications</b>	0	0	0				
<i>Goal</i> More structured agendas and action item capture	0	0	0				
<b>New uses for applications</b> S2	0	0	0				
==>[] <b>Working knowledge</b>	0	0	0				
<i>Goal</i> Set periodic reminder to read the application release log	0	0	0				
<==[] <b>Recommendations for new uses</b>	0	0	0				
<i>Goal</i> Target: one per month	0	0	0				
<b>Trade journals, seminars, other resources</b> S4	0	0	0				
==>[] <b>Current tech findings, new products &amp; SW enhancements</b>	0	0	0				
<i>Change Idea</i> Request attendance at the XYZ tradeshow (long shot)	0	0	0				
<b>Right Side Column</b>	0	0	0				
<b>Application Development Manager</b> B18	0	0	0				
[]<== <b>Project assignments, changes</b>	0	0	0				
<i>Issue</i> Too many assigned projects, too much time spent switching between projects	0	0	0				
[]==> <b>Status reports</b>	0	0	0				
<i>Goal</i> Reduce time spent in completing status reports	0	0	0				
<==> <b>Performance Management and Coaching</b>	0	0	0				
<i>Change Idea</i> Discuss path to systems architect role	0	0	0				
<i>Change Idea</i> More frequent feedback	0	0	0				
<b>Project Managers</b> B17	0	0	0				
[]==> <b>Time and activity reporting</b>	0	0	0				
<i>Issue</i> Occasional miscommunication on time allocations	0	0	0				
<i>Note</i> Form #TAR001	0	0	0				
<==> <b>Project &amp; performance review meetings</b>	0	0	0				
<i>Goal</i> Reduce meeting time	0	0	0				
<b>Business Analysts</b> B3	0	0	0				
<==> <b>Liaison communications on application &amp; project status</b>	0	0	0				
<i>Issue</i> Scheduling conflicts lead to delay in requirements capture and issue resolution	0	0	0				
<b>Client Organization Members / End Users</b> B4	0	0	0				
<==> <b>Liaison communications on application &amp; project status</b>	0	0	0				
<i>Change Idea</i> Greater clarity on business organizational roles and responsibilities	0	0	0				
<b>Project and Staff Team Meetings</b> B8	0	0	0				
<==> <b>Attendance, participation and contribution</b>	0	0	0				
<b>Technical and Soft Skills Training</b> B19	0	0	0				
<i>Goal</i> Continue commitment of 4 hours per month of training	0	0	0				
<==> <b>Enrollments and attendance</b>	0	0	0				
<b>Technical components of applications</b> B5	0	0	0				
[]<== <b>Working knowledge; ongoing learning</b>	0	0	0				

<i>Change Idea</i> Review overall system application map; practice sketching it	0	0	0			
<=> <b>Participation in groups and forums</b>	0	0	0			
<b>All people associated with the job</b> B10	0	0	0			
<i>Goal</i> Continue commitment of 4 hours per month of training	0	0	0			
<i>Goal</i> Be attentive to other people's needs and interest	0	0	0			
<=> <b>Knowledge of organization, goals &amp; projects</b>	0	0	0			
<i>Change Idea</i> Set 3-month reminders to review latest organization chart and project portfolio dashboards	0	0	0			
<=> <b>Skillful communications</b>	0	0	0			
<i>Goal</i> Meeting leadership training	0	0	0			
[]=> <b>Professional, respectful &amp; congenial behaviors</b>	0	0	0			



## Senior Software Analyst

### Main Responsibilities

- Design, develop, test, deploy, and maintain business applications built with a variety of technologies and frameworks
- Write well-documented, tested and high-quality code
- Liaison with Business Analysts and customers to analyze business requirements
- Manage project priorities, deadlines, and deliverables
- Maintain a working knowledge of new uses for and new features of the applications and underlying technical components
- Ensure that problems or system issues are prioritized and addressed in a timely manner and status is communicated to affected users and IT Management
- Communicate clearly, ensure instructions are clearly understood.
- Attend team meetings
- Demonstrate a good rapport and cooperative working relationships with all members of the team; respond to co-workers expressing concerns and promote group morale
- Continually focuses on assigned tasks and seeks and implements improvements as necessary
- Demonstrates a knowledge of XYZ's customers including clients/residents, families and governmental agencies in all interactions and conduct
- Acts in a professional manner, always demonstrating respect and understanding of the community and fellow employees
- Completes and follows through with tasks and assignments, meeting expected deadlines
- Stays current with latest technical findings, new products, and software enhancements through trade journals, attendance at seminars and other means

## Contact information:

Jim Johnson

President, ActionMap Inc.

[jimjohnson@actionmap.com](mailto:jimjohnson@actionmap.com)

<https://www.linkedin.com/in/jimjohnson/>

For a conversation about how ActionMap can support you goals, please schedule time on my calendar at:

<https://calendly.com/jimjohnson-at-actionmap/30-minute-meeting>