Sprint Planning (07.07~07.20)

	Sub System	Task	Status	Main Contributor	Impediment & Risk
✓	WMB	Device & FB Binding	Done	Wang Ting	Resource Risk
✓		Communication parameter settings Panel for Devices continue	Done	Wang Ting	
✓		CREEM / Python FB import - Openness	Done	Wang Ting	
✓		WebSocket connection to SPIDR/RA - Device Discovery	Done	Huang Xin	
✓		CREEM Workflow Parser (GoJS -> CREEM), add data links	Done	Wang Ting	
✓		Improved AWS Deployment (Lambda, Serverless) for NestJS version	Done	Huang Xin	
✓		Cross-platform local deployment Windows/Linux/MacOS (Electron)	Continuous	Song Zhen Yang (Ext)	
✓		Expression Editor in Parameter Panel for Logics, continue	Continuous	Huang Xin	
✓		IQC and other advanced decorators; pre-interpreter, continue	Done	Wang Ting	
✓		Continue low-code paradigm / CREEM support	Continuous	Zhou Zhen Hua	
✓		Improved CI/CD (AWS, Electron, NestJS)	Continuous	Huang Xin	
✓		Device Tree & FB Logical Node binding	Done	Wang Ting	
✓		Interview SSI outsourcing for GoJS in SuZhou	Done	Wang Ting	
✓		Dashboard sample and other UI features.	Done	Zhang Dong Qian (Ext)	
✓		Kibana log system / code ramp up	Done	Song Zhen Yang (Ext)	
✓		FB I18N from CREEM (zh-CN / en-US)	Done	Wang Ting	
√		Fix reported issues in existing features (SystemConfiguration / Tags)	Done	Wang Ting	
		SubWorkflow design / implementation	Not Start	Wang Ting / Zhou Zhen Hua	
✓	WMB	Microservices Builder framework (e.g. FastAPI) continue	Continuous	Ma Yong (Ext)	No
	(Automatic Service	CREEM Python Generator GUI	Not Start	Ma Yong (Ext)	
✓	Builder)	Minimum openness CREEM definition and doc	Done	Zhou Zhen Hua	
✓	SPIDR	Refactored SPIDR / Executor (Long-term Plan)	Continuous	Qu Yao	No
✓		SPIDR hand over (Yi Peng's original version)	Done	Lu Ting	
✓		SPIDR Advisor - Original version	Done	Zhu Yi Peng	
✓		SPIDR: CREEM Workflow Parser (CREEM -> Node/Link), data + device	Done	Lu Ting	
✓	CREEM	CREEM Instance optimization(FB Rest, DevDesc Rest)	Done	Zhou Zhen Hua	No
✓		CREEM Specification & Base Schema	Continuous	Zhou Zhen Hua	
✓	Data Layer	Continue Data Layer integration alignment	Done	Ji Yu Kai / Zhou Zhen Hua	No WMB story is planned in Data
	Integration	Data Layer interface	Pending	Qu Yao	Layer sprint until 07.16
✓		Preliminary Data Layer Interface & SDK Data (more data)	Continuous	Qu Yao / Zhang Chuan Yu	
✓	RA	RA (SDK) interfaces with CREEM & SPIDR continue	Continuous	Zhang Chuan Yu	No
✓		Investigate more parameters in Robotic SDK continue	Continuous	Zhang Chuan Yu	
		RA (SDK) interfaces with WMB Lead Through (WebSocket)	Not Start	Zhang Chuan Yu	
✓	3D Simulation	3D visualization of WMB workflow for demo purpose (ThreeJS)	Continuous	Wang Rui	No
✓	(Demo purpose)	3D visualization deployment on AWS	Done	Huang Xin	
✓	pu.poco,	Solidworks Danfoss 3D models created for ThreeJS	Done	Xu Fang Ren (Intern)	
		3D visualization & WMB integration (iframe, postMessage)	Not Start	Wang Rui / Wang Ting	
		CREEM Cyclic for independent 3D visualization parser	Not Start	Wang Rui / Zhou Zhen Hua	
<u> </u>	Danfoss	IPC (AppComposer, USB Dongle, SPIDR/Forte) for Danfoss	Done	Hu Ye / Liao Liang	Technical Risk (Robotic Vision fo
✓		Atlas torque wrench / Barcode scanner python driver - fix issues	Done	Hu Ye / Li Ji	Danfoss use case has issues)
✓		Python driver code standardize / Python-opcua investigation	Continuous	Lu Ting	
		Robotic Vision (Hikon Camera, ImageSource as a backup)	Risk	Yao Wei / Li Yuan Zhe	
✓		MES interface and Formula Table architecture further	Continuous	Liao Liang / Zhou Zhen Hua	
V		Danfoss Newest Workflow -> WMB FBTD Low-code	Done	Liao Liang / Zhou Zhen Hua	
✓	WMB Website	WMB Internal Project Website (Architecture / Showcase)	Done	Zhou Zhen Hua	
7	General	Business Support	Continuous	Huang Chang Xia	No
✓		Product Manager (Customer Visit, FR)	Continuous	Liao Liang	
▼		Product Owner (Product Backlog, Scrum Meetings)	Continuous	Liao Liang	
		Scrum Master (Sprint Backlog, Gitlab, Scrum Meetings)	Continuous	Zhou Zhen Hua / Wang Ting	
✓					
✓		Architecture (WMB, SPIDR, CREEM. RA and Danfoss Use Case)	Continuous	Zhou Zhen Hua	
✓		Architecture (WMB, SPIDR, CREEM, RA and Danfoss Use Case) DevOps & CI/CD (Siemens Website) Support	Continuous On Demand	Zhou Zhen Hua Hartanto Victor	

Sprint Planning (07.20~08.03)

Sub System	Task	Status	Main Contributor	Impediment & Risk
WMB	Device & FB Binding continue	On Track	Wang Ting	Resource Risk
	Communication parameter settings Panel for Devices continue	On Track	Wang Ting	
	CREEM / Python FB&Device import - Openness continue	On Track	Wang Ting / Zhou Zhen Hua	
	WebSocket connection to SPIDR/RA - Device Discovery testing	On Track	Huang Xin / Qu Yao	
	Data line links using manual dragging	Continuous	Wang Ting	
	MoveJoints/Linear/Circular Dialog and Lead Through	Continuous	Huang Xin / Zhang Chuan Yu	
	Cross-platform local deployment Windows/Linux/MacOS (Electron) continue	On Track	Song Zhen Yang (Ext)	
	Expression Editor in Parameter Panel for Logics, continue	On Track	Huang Xin	
	Danfoss Workflow integrating test with SPIDR executor	On Track	Wang Ting / Lu Ting	
	Continue low-code paradigm / CREEM support	Continuous	Zhou Zhen Hua	
	Improved CI/CD (AWS, Electron, NestJS) continue	Continuous	Huang Xin	
	Device Tree & FB Logical Node binding continue	On Track	-	
	•	On Track	Wang Ting	
	Other UI features and improvements		Zhang Dong Qian (Ext)	
	CREEM FB Editor Tool / Kibana merge in	On Track	Song Zhen Yang (Ext)	
	FB I18N from CREEM (zh-CN / en-US) continue	On Track	Wang Ting	
	Fix reported issues in existing features (meeting agreement) continue	On Track	Wang Ting	
	iframe openness framework / GoJS ramp up continue	On Track	Gong Yi Shen	
	CREEM FB Templates / Danfoss Workflow / SVG icons design	On Track	Zhou Zhen Hua	
	Error Manager design / implementation	Not Start	Wang Ting / Zhou Zhen Hua	
WAAD	SubWorkflow design / implementation	Not Start	Wang Ting / Zhou Zhen Hua	No
WMB (Automatic	Microservices Builder framework (e.g. FastAPI) continue	Continuous	Ma Yong (Ext)	No
Service Builder)	CREEM Python Generator GUI	On Track	Ma Yong (Ext)	
	Minimum openness CREEM definition and doc continue	On Track	Zhou Zhen Hua	
SPIDR	Refactored SPIDR v2 / Executor (Long-term Plan) continue	On Track	Qu Yao	No
	Debugging features in SPIDR v2 investigation	On Track	Qu Yao	
	SPIDR v1 testing continue	On Track	Lu Ting	
	SPIDR v1 refactoring continue	On Track	Lu Ting	
	SPIDR Advisor - Original version	On Track	Zhu Yi Peng	
	SPIDR: CREEM Workflow NLA interpreter	On Track	Lu Ting	
CREEM	CREEM Instance optimization(FB Rest, DevDesc Rest)	On Track	Zhou Zhen Hua	No
	CREEM Specification & Base Schema	On Track	Zhou Zhen Hua	
	StatusCode standard Chinese translation	On Track	Xu Fang Ren (Intern)	
Data Layer Integration	Continue Data Layer integration alignment	Continuous	Ji Yu Kai / Zhou Zhen Hua	No
	Data Layer interface	On Track	Qu Yao	
	Preliminary Data Layer Interface & SDK Data (more data)	On Track	Qu Yao / Zhang Chuan Yu	
RA	RA (SDK) interfaces with CREEM & SPIDR continue	On Track	Zhang Chuan Yu	No
	Investigate more parameters in Robotic SDK continue	On Track	Zhang Chuan Yu	
	RA (SDK) interfaces with WMB Lead Through (WebSocket)	On Track	Zhang Chuan Yu / Huang Xin	
3D Simulation (Demo	3D visualization of WMB workflow for demo purpose (ThreeJS)	Continuous	Wang Rui	No
purpose)	3D visualization deployment on AWS	On Track	Wang Rui / Huang Xin	
	Solidworks Danfoss 3D models created for ThreeJS	Continuous	Xu Fang Ren (Intern)	
	3D visualization & WMB integration (iframe, postMessage)	On Track	Wang Rui / Gong Yi Shen	
	CREEM Cyclic for independent 3D visualization parser	On Track	Wang Rui / Zhou Zhen Hua	
Danfoss	Danfoss use case support (AppComposer with NUC version)	On Track	Hu Ye / Li Ji	Technical Risk (AppComposer
	Danfoss PLC FB investigation	On Track	Hu Ye	Frontend still has potential issues for Vision.)
	Industrial Robot investigation	On Track	Hu Ye	
	Pythonnet / other Python-based FB investigations	On Track	Lu Ting	
	Python-opcua investigation (for PLC connection)	On Track	Qu Yao	
	Robotic Vision (Hikon Camera, ImageSource as a backup)	On Track	Yao Wei / Li Yuan Zhe	
	MES interface and Formula Table architecture further	On Demand	Liao Liang / Zhou Zhen Hua	
	Danfoss Newest Workflow -> WMB FBTD Low-code	On Demand	Liao Liang / Zhou Zhen Hua	
WMB Website	WMB Internal Project Website (more contents)	Continuous	Zhou Zhen Hua	No
General	Business Support	Continuous	Huang Chang Xia	No
	Product Manager (Customer Visit, FR)	Continuous	Liao Liang	
	Product Owner (Product Backlog, Scrum Meetings)	Continuous	Liao Liang	
	Scrum Master (Sprint Backlog, Gitlab, Scrum Meetings)	Continuous	Zhou Zhen Hua / Wang Ting	
	Architecture (WMB, SPIDR, CREEM, RA, ASB and Danfoss Use Case)	Continuous	Zhou Zhen Hua	
	DevOps & CI/CD (Siemens Website) Support	On Demand	Hartanto Victor	
	Patent (CREEM and Low-code Paradigm)	On Track	Zhou Zhen Hua	

Sprint Review (06.23~07.06)

Communication parameter settings Panel for Devices Data source from CREEM for Parameter Panel Data Subtraction to SPIDR/RA (Low Priority) CREEM Workflow Paraer (GDLS > CREEM), add data links Done Wang Ting Huang Xin CREEM Workflow Paraer (GDLS > CREEM), add data links Done Huang Xin PWA improved AWS Deployment (Lambda, Serverless) for NestJS version Done Huang Xin PWA implementation PWA implementation PWA implementation PWA implementation Cantinuous Huang Xin Continuous Mang Ting NestJS refactoring to store FBs in file system Done Huang Xin Continuous Paraer (Continuous Mang Ting Continuous Paraer (Continuous Mang Ting Continuous Paraer (Continuous Huang Xin Continuous Paraer (Continuous Mang Ting Thou Zhen Hua Improved CUCO (AWS, Electron, NestJS) Device Tree & FB Logical Node binding Interview SSI outsourcing for GoJS in SuZhou Done Wang Ting CSS / Components improvements Done CSS / Components improvements Done Done Wang Ting CSS / Components improvements Done Done Wang Ting Wang Ting Wang Ting Wang Ting CSS / Components improvements Done CSS / Components improvements Done Done Wang Ting Wang Tin	k (We will interview oth in Shanghai and ng team will have one e to support - on board
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(Demo purpose) Solidworks Danfoss 3D models created for ThreeJS Continuous Xu Fang Ren (Intern)	
Solidworks Danfoss 3D models created for ThreeJS Continuous Xu Fang Ren (Intern)	
3D visualization & WMB interface definition and integration Not Start Wang Rui / Wang Ting	
CREEM Cyclic for independent 3D visualization parser Not Start Wang Rui / Zhou Zhen Hua	
	k (AppComposer
	sues in FBs for Forte; is not tested.)
Keyence Barcode Scanner python driver - Refactored Done Hu Ye / Li Ji	
Python driver code review / Pythonnet investigation Done Lu Ting	
AppComposer Vision (Hikon Camera, ImageSource as a backup) On Track Yao Wei	
Vision service deployment in Windows test Archived Yao Wei	
MES interface and Formula Table architecture further On Track Liao Liang / Zhou Zhen Hua	
Danfoss Newest Workflow -> WMB FBTD Low-code On Track Liao Liang / Zhou Zhen Hua	
General Business Support Continuous Huang Chang Xia No	
Product Manager (Customer Visit, FR) Continuous Liao Liang	
Product Owner (Product Backlog, Scrum Meetings) Continuous Liao Liang	
Scrum Master (Sprint Backlog, Gitlab, Scrum Meetings) Continuous Zhou Zhen Hua / Wang Ting	
Architecture (WMB, SPIDR, CREEM, RA and Danfoss Use Case) Continuous Zhou Zhen Hua	
DevOps & CI/CD (Siemens Website) Support - http://creem.siemens.net Done Hartanto Victor	
Patent (CREEM and Low-code Appearance) Continuous Zhou Zhen Hua	

Sprint Review (06.09~06.22)

	Sub System	Task	Status	Main Contributor	Impediment & Risk
✓	WMB	Device Library CREEM Parser / TreeView UI	Done	Wang Ting	Resource Risk (We will interview
✓		Device Tree (System Configuration) CREEM Parser / Tree UI	Done	Wang Ting	outsourcing both in Shanghai and Suzhou. Lu Ting team will have one colleague to support - on board 07.05.)
✓		Parameter Panel (Port value editor) - data from CREEM	Done	Huang Xin	
✓		Device Tree & FB Library binding, first version	Done	Wang Ting	
		CREEM Workflow Parser (GoJS -> CREEM), add data links	Not Start	Wang Ting	
		Improved AWS Deployment (Lambda, Serverless) for NestJS version	Not Start	Huang Xin	
		Cross-platform local deployment Windows/Linux/MacOS (Electron)	Not Start	Zhang Dong Qian (Ext)	
		Expression Editor in Parameter Panel for Logics (first edition)	Not Start	Huang Xin	
√		IQC and other advanced decorators; pre-interpreter	Done	Wang Ting	
		NestJS refactoring to store FBs in file system	Not Start	Huang Xin / Wang Ting	
✓		Device Library / Tree design and CREEM for WMB	Done	Zhou Zhen Hua	
✓		Continue low-code paradigm (New FBTD for Danfoss use case)	Done	Zhou Zhen Hua	
✓		Improved CI/CD (AWS, Electron, NestJS)	Continuous	Huang Xin	
✓		Interview outsourcing for JavaScript (ES) foundation	Continuous	Wang Ting	
✓		Interview outsourcing for React / CSS component	Done	Huang Xin	
		CSS / Components improvements	Not Start	Zhang Dong Qian (Ext)	
		I18N from CREEM (zh-CN / en-US)	Not Start	Wang Ting	
~		Generate Tags automatically for GOTO and Work Instruction generation	Done	Wang Ting	
✓		Documentation (WIKI) for customized components	Done	Huang Xin	
		SubWorkflow design / implementation	Not Start	Wang Ting / Zhou Zhen Hua	
	WMB	Microservice Builder framework (e.g. FastAPI)	On Track	Ma Yong (Ext)	No
	(Microservice Builder)	Open API generator / Docker container builder	Not Start	Ma Yong (Ext)	
	Danaciy	CREEM Python Generator	Not Start	Ma Yong (Ext)	
✓	SPIDR	Code generator in SPIDR / Execute CREEM workflow in SPIDR	Done	Qu Yao	No.
√		WebSocket connection using Tornado framework	Done	Qu Yao	
✓		Fast solution - Run CREEM Workflow in CREEM (event only)	Done	Zhu Yi Peng	
		SPIDR & RA (SDK) integration	Not Start	Zhu Yi Peng	
		SPIDR ramp up and hand-over	On Track	Lu Ting	
		SPIDR: CREEM Workflow Parser (CREEM -> Node/Link), data + device	Not Start	Wang Ting	
✓		Interview outsourcing for SPIDR (Python)	Done	Zhou Zhen Hua	
✓	CREEM	CREEM Architecture & Communication	Continuous	Zhou Zhen Hua	No
✓		CREEM Instance (FB Rest, DevDesc Rest, Project)	Done	Zhou Zhen Hua	
✓		CREEM optimization for WMB & Part of schema	Done	Zhou Zhen Hua	
	Data Layer	Continue Data Layer integration alignment	On Demand	Ji Yu Kai / Zhou Zhen Hua	No WMB story is planned in Data
	Integration	Data Layer interface	Pending	Qu Yao	Layer sprint until 07.16
✓		Preliminary Data Layer Interface & SDK Data (Joint points data)	Done	Qu Yao	
✓	RA	First edition of RA Container framework (for SDK)	Done	Zhang Chuan Yu	No
✓		Win10 WSL Deployment	Done	Zhang Chuan Yu	
		RA (SDK) interfaces with WMB / SPIDR	Not Start	Zhang Chuan Yu	
✓	CCT Review	CCT Review Part 3 Presentation	Done	Chen Yi Jia	Done
✓	Part 3	CCT Review Part 3 Requirement Further Discussion	Done	Huang Chang Xia / Chen Yi Jia / Liao Liang / Zhou Zhen Hua	
	Danfoss	IPC (AppComposer, USB Dongle, SPIDR/Forte) for Danfoss	Risk	Hu Ye / Liao Liang	Technical Risk (AppComposer
~		Build Danfoss/Aubo test environment in Beijing Lab	Done	Hu Ye / Li Ji	V48/49 has issues in FBs for Forte; SPIDR version is not tested.)
~		AppComposer X-Function (Keyence Barcode Scanner)	Done	Hu Ye / Li Ji	
		AppComposer Vision (Hikon Camera, ImageSource as a backup)	Risk	Yao Wei	
		Vision service deployment in Windows test	Not Start	Yao Wei	
		MES interface and Formula Table architecture further	On Track	Liao Liang / Zhou Zhen Hua	
		Danfoss Newest Workflow -> WMB FBTD Low-code	On Track	Liao Liang / Zhou Zhen Hua	
✓	General	Business Support	Continuous	Huang Chang Xia	No
V		Product Manager (Customer Visit, FR)	Continuous	Liao Liang	
V		Product Owner (Product Backlog, Scrum Meetings)	Continuous	Liao Liang	
V		Scrum Master (Sprint Backlog, Gitlab, Scrum Meetings)	Continuous	Zhou Zhen Hua / Wang Ting	
_		(Zhou Zhen Hua	
		Architecture (WMB, SPIDR, CREEM, RA and Danfoss Use Case)	Continuous	Zilou Zileli ilua	
V		Architecture (WMB, SPIDR, CREEM, RA and Danfoss Use Case) DevOps & CI/CD (Siemens Website) Support	On Demand	Hartanto Victor	

Sprint Review (05.26~06.08)

	Sub System	Task	Status	Main Contributor	Impediment & Risk
✓	WMB	FB Library and CREEM Parser	Done	Wang Ting	No
~		FB and CREEM Parser	Done	Wang Ting	
✓		Monaco Editor for FB (CREEM, Python, Dialog UI Source) - Framework is done	Archived	Huang Xin	
✓		FBTD Low-code Paradigm (Parallel, If, Switch, Repeat)	Done	Wang Ting	
✓		CREEM Workflow Parser (GoJS -> CREEM), only event links	Done	Wang Ting	
		Improved AWS Deployment (Lambda, Serverless) for NestJS version	Not Start	Huang Xin	
		Cross-platform local deployment Windows/Linux/MacOS (Electron)	Not Start	NN1 (Outsourcing) 6.10 on-board	
✓		CREEM Vest FB Dialog (MoveLinear/MoveJoints) UI Mockup	Done	Huang Xin	
✓		Parameter Panel (Port value editor) - Customized components	Done	Huang Xin	
		NestJS refactoring to store FBs in file system	Not Start	Wang Ting / Huang Xin	
✓		System Configuration paradigm design (DD, DL and DT)	Done	Zhou Zhen Hua	
\		Continue low-code paradigm (New FBTD based on Danfoss use case)	Done	Zhou Zhen Hua	
~		Improved CI/CD (AWS, Electron, NestJS)	Continuous	Huang Xin	
✓		Interview outsourcing for JavaScript (ES) foundation (one passed)	Continuous	Wang Ting	
✓		Interview outsourcing for React / CSS component (one passed)	Continuous	Huang Xin	
	WMB	Microservice Builder framework (e.g. FastAPI)	Not Start	NN2 (Outsourcing) 6.18 on-board	No
	(Microservice Builder)	Docker container builder	Not Start	NN2 (Outsourcing)	
		Open API generator	Not Start	NN2 (Outsourcing)	
\checkmark		Interview outsourcing for Microservice Builder (Python) (one passed)	Done	Zhou Zhen Hua	
\	SPIDR	SPIDR: CREEM Workflow Parser (CREEM -> Node/Link), event only	Done	Wang Ting (Overtime)	Resource Risk (Qu Yao needs more
		Code generator in SPIDR & Convert CREEM to tree structure investigation	Risk	Qu Yao	time to ramp up SPIDR)
		SPIDR & RA (SDK) integration	Not Start	Zhu Yi Peng	
✓		Preliminary SPIDR code structure improvements for WMB	Done	Qu Yao	
		SPIDR ramp up and hand-over	On Track	Qu Yao / Zhu Yi Peng	
		Interview outsourcing for SPIDR (Python)	On Track	Zhou Zhen Hua	
\checkmark	CREEM	CREEM Architecture & Communication	Done	Zhou Zhen Hua	No
✓		CREEM Instance (FB Rest, DevDesc, Device Library, Configuration, Project)	Done	Zhou Zhen Hua	
\checkmark	Data Layer	Continue Data Layer integration alignment	Done	Ji Yu Kai / Zhou Zhen Hua	No
	Integration	Preliminary Data Layer Interface & SDK Data	Not Start	Qu Yao / Zhang Chuan Yu	
✓	RA	Preliminary RA Container framework (for SDK)	Done	Zhang Chuan Yu	No
✓		RA Architecture Alignment	Done	Zhang Chuan Yu / Zhou Zhen Hua	
	CCT Review Part 3	CCT Review Part 3 Presentation	On Track	Chen Yi Jia	No
✓	T dit 5	CCT Review Part 3 Requirement Further Discussion	Done	Huang Chang Xia / Chen Yi Jia / Liao Liang / Zhou Zhen Hua	
	Danfoss	IPC (AppComposer, USB Dongle, SPIDR/Forte) for Danfoss	On Track	Liao Liang / Zhu Yi Peng / Hu Ye	Wait for AUBO robot to test Python drivers, planned date for Danfoss is
\checkmark		AppComposer X-Function (Altas Torque Wrench Driver)	Done	Hu Ye / Li Ji	6.22; Technical Risk (AppComposer
		AppComposer X-Function (Keyence Barcode Scanner)	On Track	Hu Ye / Li Ji	V49 has issues to integrate Vision)
		AppComposer Vision (Hikon Camera, ImageSource as a backup)	Risk	Yao Wei	
		Vision service deployment in Windows test	Not Start	Yao Wei	
✓		MES interface and Formula Table architecture	Done	Liao Liang / Zhou Zhen Hua	
✓	General	Business Support	Continuous	Huang Chang Xia	No
✓		Product Manager (Customer Visit, FR)	Continuous	Liao Liang	
\checkmark		Product Owner (Product Backlog, Scrum Meetings)	Continuous	Liao Liang	
✓		Scrum Master (Sprint Backlog, Gitlab, Scrum Meetings)	Continuous	Wang Ting / Zhou Zhen Hua	
\checkmark		Architecture (WMB, SPIDR, CREEM, RA and Danfoss Use Case)	Continuous	Zhou Zhen Hua	
		DevOps & CI/CD (Siemens Website) Support	On Demand	Hartanto Victor	
		Patent (WMB and others)	On Track	Zhou Zhen Hua	

Sprint Review (05.12 ~ 05.25)

	Sub System	Task	Status	Main Contributor	Impediment & Risk
✓	WMB	Responsive UX for different screen resolutions (Ant Design)	Done	Wang Ting	No
		Preliminary WMB Framework (React / NodeJS / indexdb)	Done	Wang Ting / Huang Xin	
		Preliminary GoJS Low-code framework	Done	Wang Ting	
		Preliminary low-code FBTD paradigm in GoJS	Done	Wang Ting	
✓		Preliminary AWS Deployment (Static)	Done	Huang Xin	
		Cross-platform local deployment Windows/Linux/MacOS (pkg)	Done	Wang Ting	
		Preliminary responsive design (Wireframe, Design Language)	Done	Zhou Zhen Hua	
		Preliminary low-code paradigm design (New FBTD)	Done	Zhou Zhen Hua	
		Preliminary CI/CD	Done	Huang Xin	
	WMB	Microservice Builder framework (e.g. FastAPI)	Not Start	Qu Yao / Wang Ting	No
	(Microservice Builder)	Docker container builder	Not Start	Qu Yao	
		Open API generator	Not Start	Qu Yao / Wang Ting	
~	SPIDR	Multiple workcell deployment in Old SPIDR (FBT version)	Done	Zhu Yi Peng	Resource Risk (Yi Peng can only
		Preliminary HTTP API in Old SPIDR (Flask)	Done	Zhu Yi Peng	support limited part time, Qu Yao needs some time to ramp up SPIDR)
		SPIDR ramp up and hand-over	On Track	Qu Yao / Zhu Yi Peng	
	CREEM	CREEM Architecture & Communication	Done	Zhou Zhen Hua	No
		CREEM Instance (FB, FB Library, Workflow)	Done	Zhou Zhen Hua	
	Data Layer	Preliminary Data Layer integration alignment	Done	Ji Yu Kai / Zhou Zhen Hua	No
	Integration	Preliminary Data Layer Interface	On Track	Qu Yao	
	RA	Preliminary RA Container framework (for SDK)	On Track	Zhang Chuan Yu	No
\checkmark		RA Architecture Alignment	Done	Zhang Meng / Zhang Chuan Yu / Zhou Zhen Hua	
	CCT Review	CCT Review Part 3 Presentation	On Track	Chen Yi Jia	Live demo is cancelled
✓	Part 3	CCT Review Part 3 Requirement Discussion	Done	Huang Chang Xia / Chen Yi Jia / Liao Liang / Zhou Zhen Hua	
		Mendix REST Microservice interface (for live demo)	Done	Wang Ting	
	Danfoss	IPC (AppComposer, USB Dongle, SPIDR/Forte) for Danfoss	On Track	Liao Liang / Zhu Yi Peng / Hu Ye	Resource Risk (Hu Ye / Yao Wei / Li
\checkmark		Technical alignment via customer visit	Done	Liao Liang / The Team	Ji are busy in SDPM 6.18 Review tasks and do not have enough time to support WMB project in Sprint 1); Technical Risk (AppComposer V47 has issues to integrate Vision)
		AppComposer X-Function (Altas Torque Wrench Driver)	Not Start	Hu Ye / Li Ji	
		AppComposer X-Function (Keyence Barcode Scanner)	Not Start	Hu Ye / Li Ji	
		AppComposer Vision (Hikon Camera, ImageSource as a backup)	Risk	Yao Wei / Sun Zhong Yang	
✓	General	Business Support	Continuous	Huang Chang Xia / Wang Mo	No
✓		Product Manager (Customer Visit, FR)	Continuous	Liao Liang	
\checkmark		Product Owner (Product Backlog, Scrum Meetings)	Continuous	Liao Liang	
✓		Scrum Master (Sprint Backlog, Gitlab, Scrum Meetings)	Continuous	Zhou Zhen Hua / Wang Ting	
~		Architecture (WMB, SPIDR, CREEM, RA and Danfoss Use Case)	Continuous	Zhou Zhen Hua	
✓		DevOps & CI/CD (Siemens Website) Support	On Demand	Hartanto Victor	
		Patent (WMB and others)	On Track	Zhou Zhen Hua	