TECHNICAL SPECIFICATIONS

1. Desktop Minimum Requirements

APPLE MAC MINI BUILD	
HARDWARE	MINIMUM REQUIREMENTS
1. Motherboard	MAC MINI Motherboard
2. Processor / CPU	i3 8TH Gen Intel Processor
3. Memory / RAM	8GB DDR4
4. Hard Disk Drive or Solid State Drive	256gb SSD
5. PSU / Power Supply	MAC MINI Built-in PSU
6. Monitor	1920x1080 or 1080p Resolution Monitor
7. Camera/Webcam w/ Microphone	720p / 1080p HD Web Cam (You will buy separately)

INTEL BUILD	
HARDWARE	MINIMUM REQUIREMENTS
1. Motherboard	LGA 1151 Motherboard
2. Processor / CPU	i3 7th Generation
3. Memory / RAM	4GB RAM DDR4
4. Hard Disk Drive or Solid State Drive	250 GB SSD
5. PSU / Power Supply	Generic Power Supply
6. Monitor	1366x768, 720p Wide Monitor
7. Camera/Webcam w/ Microphone	720 / 1080p HD

AMD BUILD	
HARDWARE	MINIMUM REQUIREMENTS
1. Motherboard	AM4 Motherboard
2. Processor / CPU	AMD Ryzen 3 Processors
3. Memory / RAM	4GB RAM DDR4
4. Hard Disk Drive or Solid State Drive	250 GB SSD
5. PSU / Power Supply	Generic Power Supply
6. Monitor	1366x768, 720p Wide Monitor
7. Camera/Webcam w/ Microphone	720 / 1080p HD

2. Laptop Minimum Requirements

APPLE / MAC LAPTOPS	
HARDWARE	MINIMUM REQUIREMENTS
1. Processor / CPU	i3 10th Generation Intel Processor
2. Memory / RAM	8gb LPDDR4X Memory
3. Hard Disk Drive or Solid State Drive	256GB SSD
4. Screen	2560x1600 Native Resolution
5. Camera/Webcam w/ Microphone	720p Facetime HD

INTEL LAPTOPS	
HARDWARE	MINIMUM REQUIREMENTS
1. Processor / CPU	i3 8th Generation Intel Processor
2. Memory / RAM	4 or 8GB Memory
3. Hard Disk Drive or Solid State Drive	128/250GB SSD
4. Screen	13 - 15 inches, 1366x768, 720p Resolution
5. Camera/Webcam w/ Microphone	720/1080p HD Camera

AMD LAPTOPS	
HARDWARE	MINIMUM REQUIREMENTS
1. Processor / CPU	Ryzen 5 3500
2. Memory / RAM	4 or 8GB Memory
3. Hard Disk Drive or Solid State Drive	128/250GB SSD
4. Screen	13 - 15 inches, 1366x768, 720p Resolution
5. Camera/Webcam w/ Microphone	720/1080p HD Camera

RECOMMENDED LAPTOPS	
LAPTOP MODEL	STORE LINKS
1. Macbook PRO/AIR 13 Inches Models	https://www.apple.com/mac/
2. Asus Vivobook 15	https://www.amazon.com/ASUS-VivoBook-i3-1005G1-Fingerprint-F512JA-AS34/dp/B0869L1326/
3. Acer Aspire 5 Slim Laptop	https://www.amazon.com/Acer-Display-Graphics-Keyboard-A515-43-R19L/dp/B07RF1XD36/
4. Lenovo Ideapad 3	https://www.amazon.com/Lenovo-IdeaPad-Processor-Graphics-81W0003QUS/dp/B0862269YP/

3. Tablet Recommended Models/Brands & Specifications

Apple iPad Mini Specifications	
HARDWARE	MINIMUM REQUIREMENTS
1. Processor / CPU	A12 Bionic Chip
2. Memory / RAM	3GB RAM Memory
3. Storage	32 GB Storage
4. Screen Size	7.9 Inches, 2048x1536 Resolution
5. Camera	8MP Back + 1.2mp Facetime HD Camera

Apple iPad 10.2 Specifications	
HARDWARE	MINIMUM REQUIREMENTS
1. Processor / CPU	A10 Fusion
2. Memory / RAM	3GB RAM Memory
3. Storage	32 GB Storage
4. Screen Size	10.2 Inches, 2160x1620 Resolution
5. Camera	8MP Back + 1.2mp Facetime HD Camera

Apple iPad Air Specifications	
HARDWARE	MINIMUM REQUIREMENTS
1. Processor / CPU	A12 Bionic Chip
2. Memory / RAM	3GB RAM Memory
3. Storage	64 GB Storage
4. Screen Size	10.5 Inches, 2224x1668 Resolution
5. Camera	8MP Back + 7mp Facetime HD Camera

Samsung Tab A with S Pen (2019)	
HARDWARE	MINIMUM REQUIREMENTS
1. Processor / CPU	Octa Core Processor
2. Memory / RAM	3GB RAM MEMORY
3. Storage	32 GB Storage
4. Screen Size	8 Inches, 1920x1200 Resolution
5. Camera	8MP Back + 5MP Front

Galaxy Tab S5e	
HARDWARE	MINIMUM REQUIREMENTS
1. Processor / CPU	Octa Core Processor
2. Memory / RAM	4GB RAM MEMORY
3. Storage	64 GB Storage
4. Screen Size	10.5 Inches, 2560x1600 Resolution
5. Camera	13MP Back + 8MP Front

4. Smartphone's Recommended Models/Brands & Specifications

Apple iPhone 6s Plus	
HARDWARE	MINIMUM REQUIREMENTS
1. Processor / CPU	Apple A9 Dual Core Twister
2. Memory / RAM	2GB RAM Memory
3. Storage	32 GB Storage
4. Screen Size	5.5 Inches, 1080x1920 Resolution
5. Camera	12MP Back + 5mp Facetime HD Camera

Apple iPhone 7 Plus	
HARDWARE	MINIMUM REQUIREMENTS
1. Processor / CPU	Apple A10 Fusion
2. Memory / RAM	3GB RAM Memory
3. Storage	64 GB Storage
4. Screen Size	5.5 Inches, 1080x1920 Resolution
5. Camera	12MP Back + 7mp Facetime HD Camera

Samsung Galaxy M31	
HARDWARE	MINIMUM REQUIREMENTS
1. Processor / CPU	Octacore Processor
2. Memory / RAM	6GB RAM Memory
3. Storage	128 GB Storage
4. Screen Size	6.4 Inches, 2340x1080 Resolution
5. Camera	64MP Back + 32mp Front

Samsung Galaxy A51	
HARDWARE	MINIMUM REQUIREMENTS
1. Processor / CPU	Octacore Processor
2. Memory / RAM	6GB RAM Memory
3. Storage	128 GB Storage
4. Screen Size	6.5 Inches, 1080x2400 Resolution
5. Camera	48MP Back + 32mp Front

Google Pixel 3	
HARDWARE	MINIMUM REQUIREMENTS
1. Processor / CPU	Snapdragon 845 8 Cores
2. Memory / RAM	4GB RAM Memory
3. Storage	64 GB Storage
4. Screen Size	5.5 Inches, 1080x2160 Resolution
5. Camera	12MP Back + 8mp Front

Google Pixel 3A	
HARDWARE	MINIMUM REQUIREMENTS
1. Processor / CPU	Snapdragon 670 8 Cores
2. Memory / RAM	4GB RAM Memory
3. Storage	64GB Storage
4. Screen Size	5.6 Inches, 1080x2220 Resolution
5. Camera	12MP Back + 8mp Front

5. Browsers Supported

Browser List		
HARDWARE	Windows Version	MINIMUM REQUIREMENTS
1. Google Chrome	56.0.2924, engine blink56	56.0.2924, engine blink56
2. Safari	5.1.7, Webkit 534.57.2 (discontinued on 2015)	11.0.3, Webkit 604.2.4
3. Firefox	66.0.3	66.0.3
4. Opera	Opera 50, Chromium 63	Opera 50, Chromium 63
5. Microsoft Edge	44.17763, engine EdgeHTML 18.17763	44.18363, engine EdgeHTML 18.18363

6. Minimum Recommended Internet Speed

Internet Speed	
Download	Upload
10mbps	10mbps

7. Video

- The Desktop/Laptop/Device you're using should have a "Working" Camera/Webcam and Microphone.
- The device camera and microphone will be commonly used for video conference in "Zoom" and SmartFox can also create third party accounts such as zoom and other third-party applications.

SOFTWARE SPECIFICATIONS

The Smartfox system is built with PHP version 7.2, an open-source web scripting language. Data is stored in a MySQL database, also open source. The user interface was developed in HTML5, CSS3, JavaScript, and uses Bootstrap as a front-end framework.

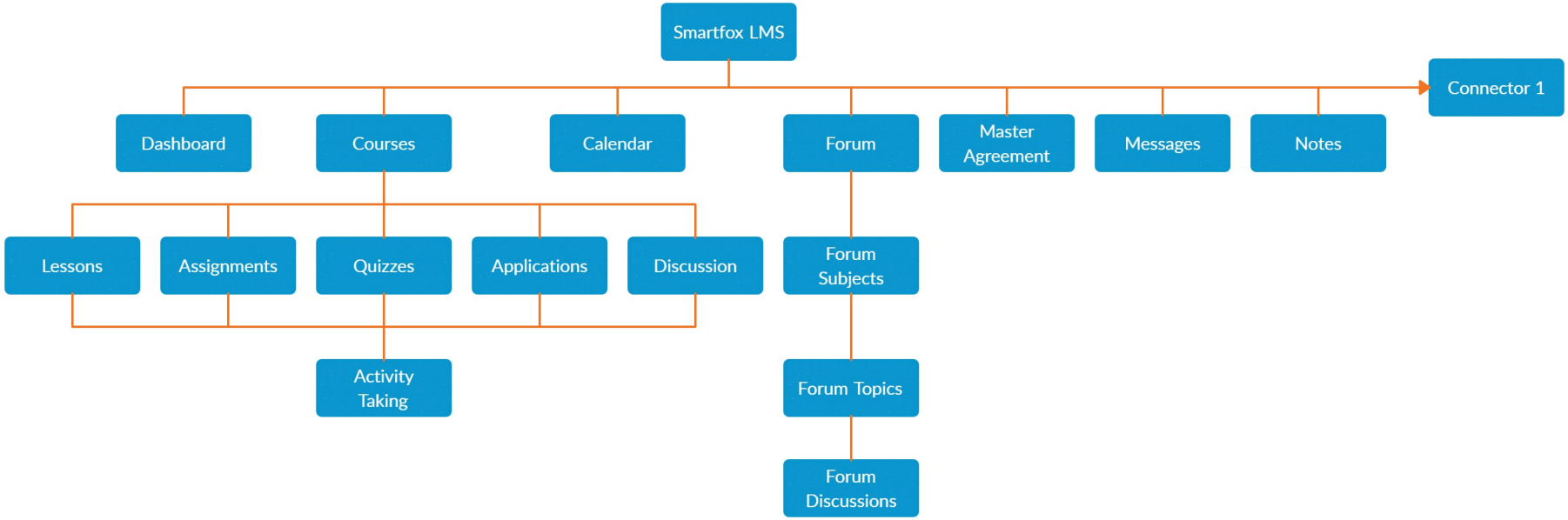
Smartfox employs components from standard and commonly accepted libraries such as jQuery for Javascript, CKEditor, DataTables, fullCalendar, and many more.

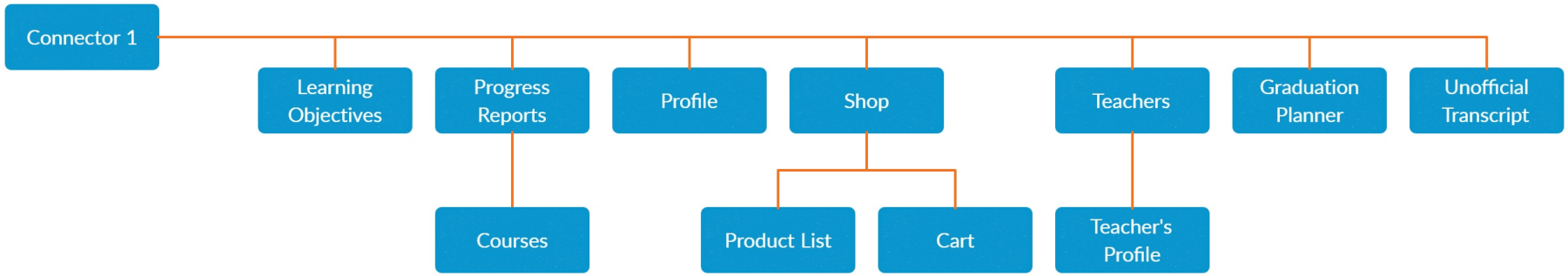
It also integrates with third-party service providers such as Twilio, Zoom, Google, and others. The application will be able to run on any web server that supports PHP 7 and has a MySQL database.

The application code uses Git version control, and all commits are being archived in a designated private repository. Source code is being stored on a mutually agreed platform.

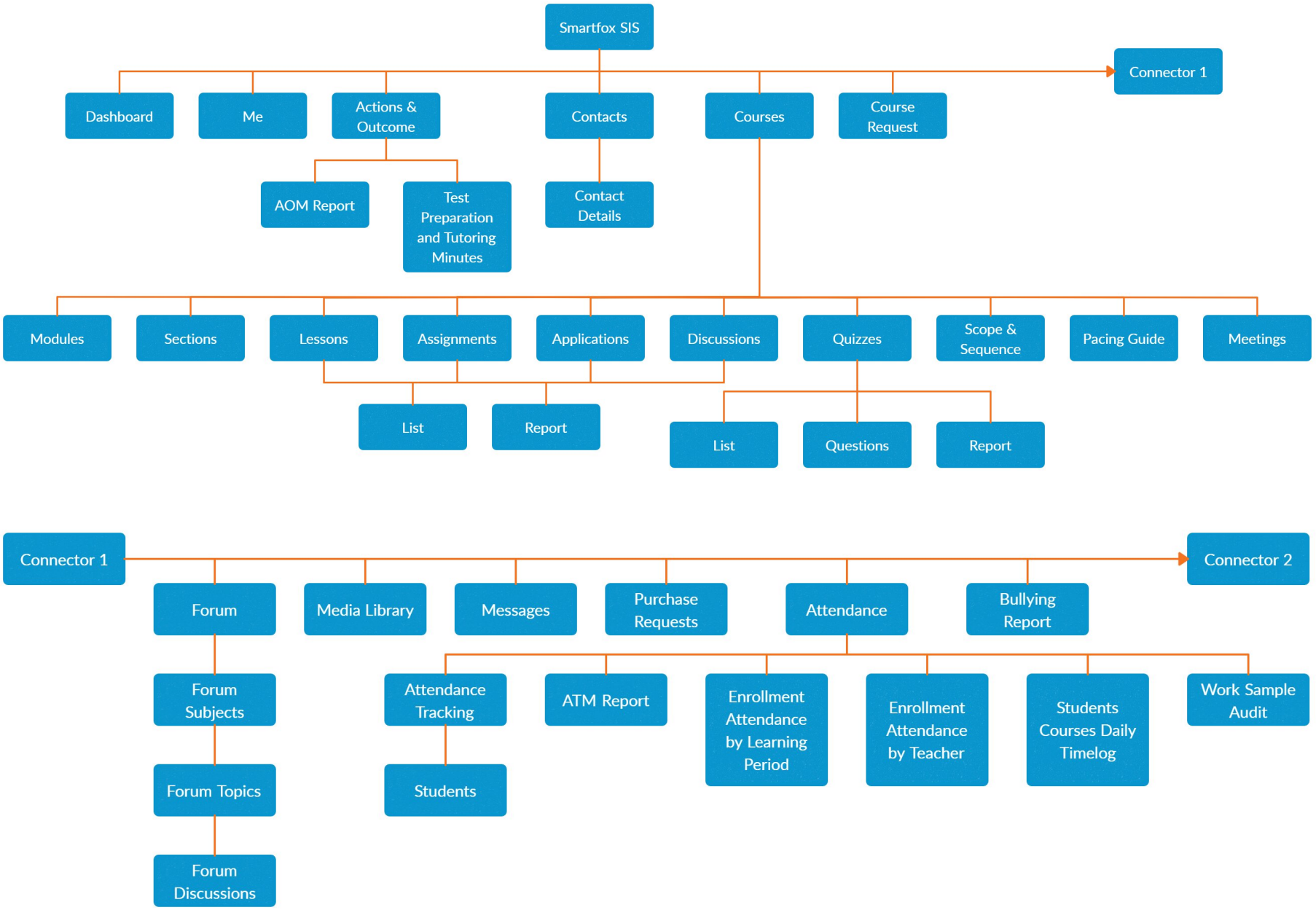
SITEMAP

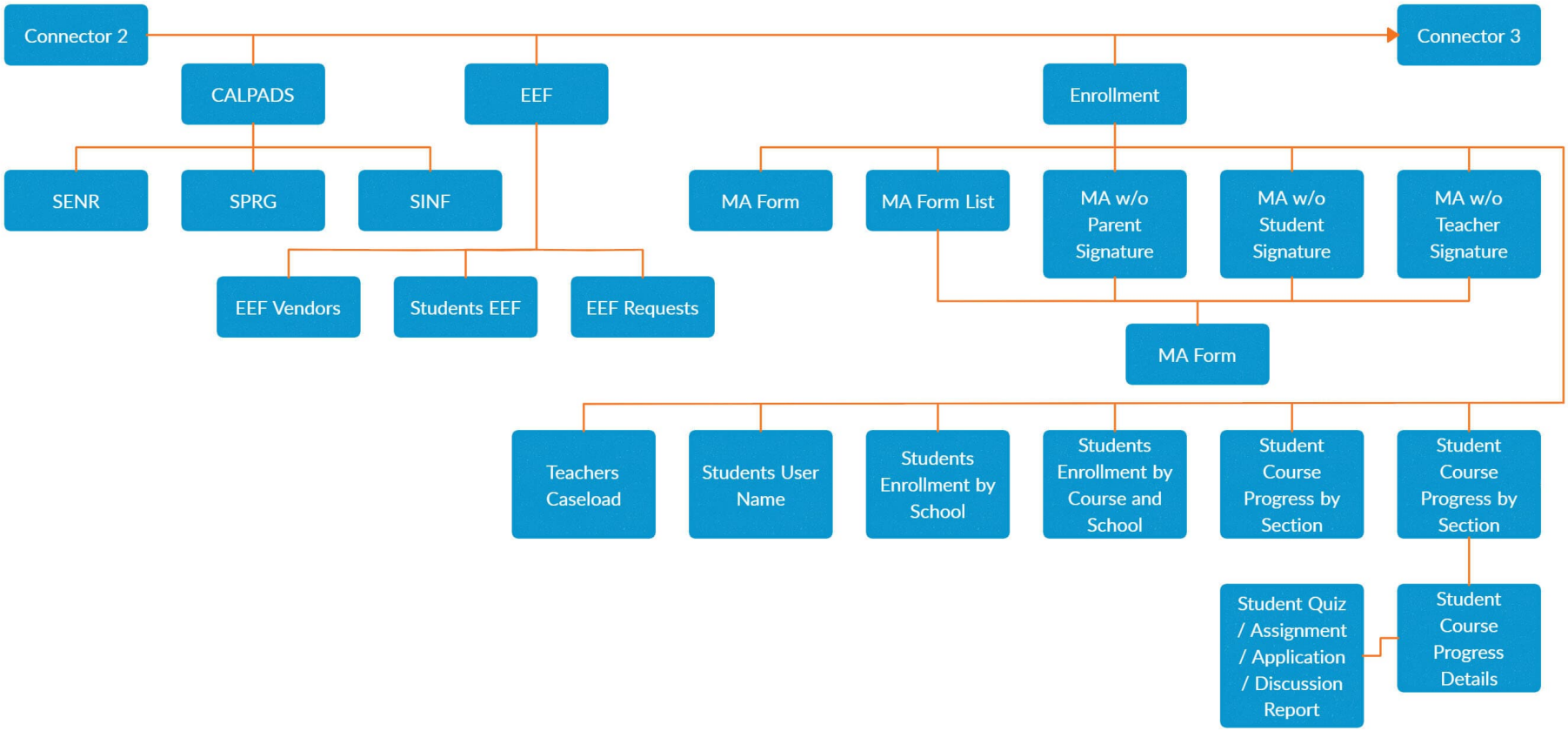
Smartfox LMS SiteMap





SmartFox SIS SiteMap

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Connector 3
CALPADS
EEF
Enrollment
SENR
SPRG
SINF
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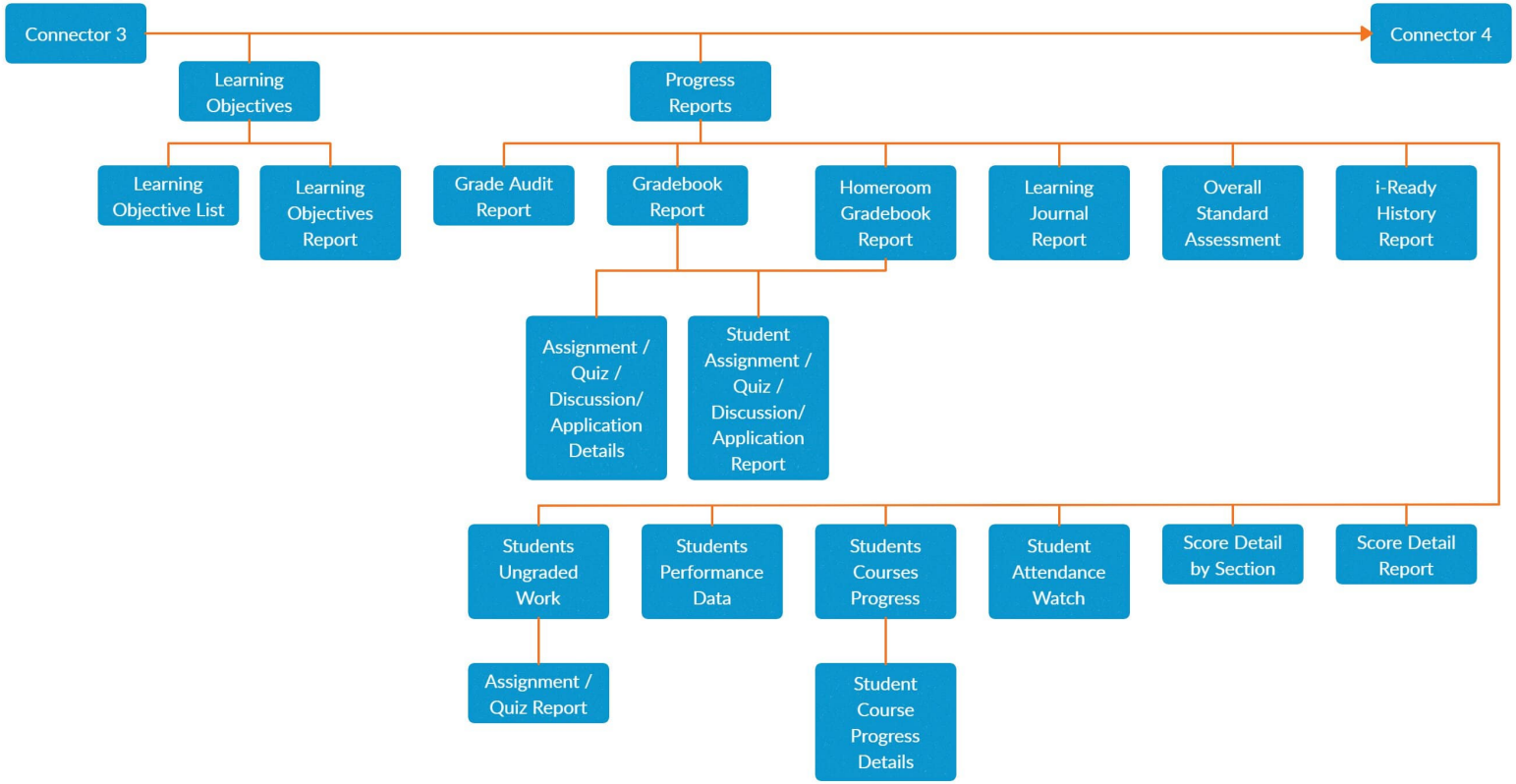
MA w/o Parent Signature
MA w/o Student Signature
MA w/o Teacher Signature
EEF Vendors
Students EEF
EEF Requests
MA Form
Teachers Caseload
Students User Name
Students Enrollment by School
Students Enrollment by Course and School
Student Course Progress by Section
Student Course Progress by Section
Student Quiz / Assignment / Application / Discussion Report
Student Course Progress Details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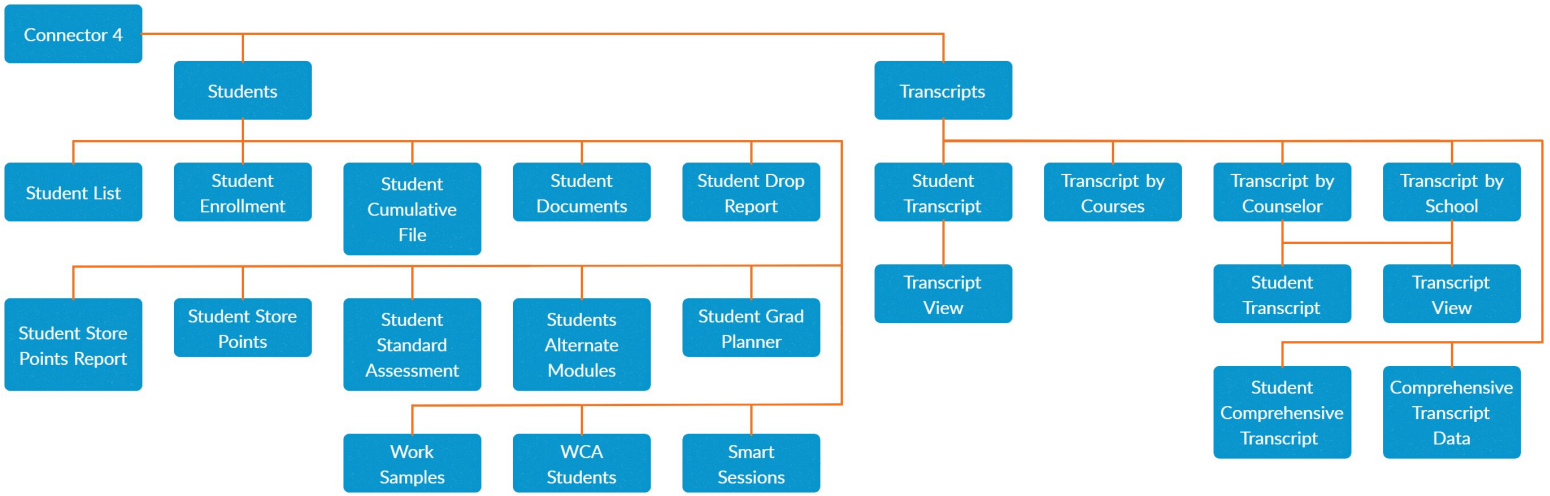
Connector 4
Learning Objectives
Progress Reports
Learning Objective List
Learning Objectives Report
Grade Audit Report
Gradebook Report
Homeroom Gradebook Report
Learning Journal Report
Overall Standard Assessment
i-Ready History Report
Assignment / Quiz / Discussion/ Application Details
Student Assignment / Quiz / Discussion/ Application Report
Students Ungraded Work
Students Performance Data
Students Courses Progress
Student Attendance Watch
Score Detail by Section
Score Detail Report
Assignment / Quiz Report
Student Course Progress Details


Connector 4
Students
Transcripts
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Student Enrollment
Student Cumulative File
Student Documents
Student Drop Report
Student Transcript
Transcript by Courses
Transcript by Counselor
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Student Transcript
Transcript View
Student Store Points Report
Student Store Points
Student Standard Assessment
Students Alternate Modules
Student Grad Planner
Student Comprehensive Transcript
Comprehensive Transcript Data
Work Samples
WCA Students
Smart Sessions