



E-learning Portal – Capitalizing your Digital Assets

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Introduction

The pandemic has dramatically accelerated the demand for online learning and educational resources. As universities, businesses, and learning establishments grapple with the transition to remote education, students and professionals have increasingly turned to e-learning platforms like Udemy and Coursera to fulfill their educational needs. ChainSys's Smart Data Platform presents a solution to this challenge by empowering universities and businesses to create and manage web portals for their digital assets, including course materials, e-books, and recordings. By harnessing this platform, educational institutions and corporate entities can effectively deliver online courses and resources to students and professionals, further solidifying their presence in the digital learning landscape.

Value Proposition

Time Savings: Reduce your time to market. Centralized management of digital assets saves time and effort in searching for materials and ensures consistency in content delivery.

Cost savings: Scalable to publish the content dynamically as per your business requirements

Competitive advantage: By utilizing the assets and offering a user-friendly and customizable web portal, businesses & universities can gain a competitive advantage and attain world wide reach for your business.

Use cases

- Empower faculty members with a comprehensive platform to manage courses and share educational resources with students.
- Enhance accessibility and convenience for students by enabling access to course content from anywhere, anytime.
- Expand the university's reach beyond the campus by attracting international students and remote learners.
- Foster collaboration and communication among geographically dispersed students and faculty members.
- Deliver personalized learning experiences tailored to individual students' interests and preferences, fostering engagement and motivation.
- Offer valuable insights into student engagement and progress, facilitating targeted interventions and support.
- Generate additional revenue streams through the provision of online courses and e-books, contributing to the university's financial sustainability.

- Streamline the administration of faculty and student management, including class scheduling, attendance tracking, and grade management.
- Establish a platform for alumni to pursue lifelong learning and maintain strong connections with the university community.

Technical Details

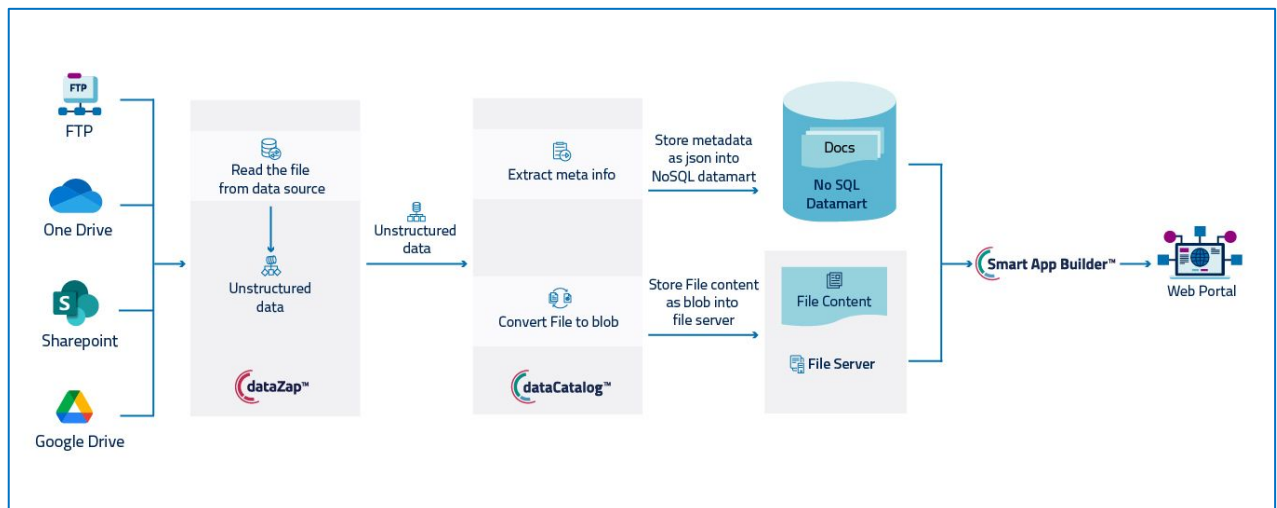
This solution "scrambles" both structured & unstructured data files from different endpoints ranging from simply FTP to Cloud Drives (Google Drive, Share point, etc.). The file format ranges from plain Text & CSV files to PDFs & PPTs.

The files are funneled to the platform's data mart & the metadata is cataloged. A combination of NoSQL DB, JSONs, and XMLs efficiently handles large data volumes.

The portal application is generated dynamically to display the cataloged data dynamically. The cataloged documents are displayed conveniently to curate the documents for approval workflows, organizing them into categories & assigning visibility in the portal.

The portal is connected with the SSO for all staff & students. And for the non-students who wish to access the portal, they can create their credentials.

The payment gateways are integrated into the portal for the users to pay & view documents



Portal Imagined:

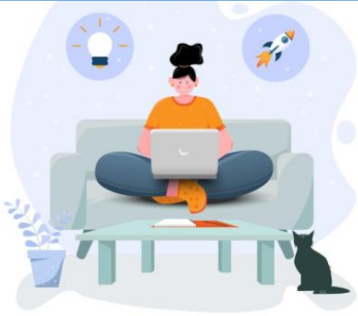
Home Page

Join Us!




American University Open House 2023

The launch was attended by Minister for Education, Mr Chan Chun Sing, as Guest of Honour, together with NUS Chairman

On Campus **15th March** | Online **1st Mar to 31st Mar** | [Login](#)






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Course Outline:

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The web has been around for more than 25 years now, experiencing euphoric early expansion, an economic driven bust, an innovation driven rebirth, and constant evolution along the way. One thing is certain the web as a communication and commercial medium is here to stay. Not only that, it has found its way onto devices such as smartphones, tablets, TVs, and more. There have never been more opportunities to put web design know how to use.

Course Outline

Course Objectives

- Insert a graphic within a web page.
- Create a link within a web page.
- Create a table within a web page.
- Insert heading levels within a web page.
- Insert ordered and unordered lists within a web page.

What You'll Learn

- Personalize web pages using text formatting, graphics, audio, and video elements. Create a webpage from start to finish by planning, designing, and implementing everything themselves.

Delivery Options : Online
Available for Credit : 2 semester units

Section Notes
Online, enroll anytime. This continuous enrollment course begins [when you enroll](#). You have a minimum of 60 days and a maximum of 180 days to complete the course.

Related Courses

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Payment Page:

Log in to your PayPal account - Google Chrome

sandbox.paypal.com/checkoutnow?sessionId=uid_fe807458e3_mdu6n...

Pay with PayPal

With a PayPal account, you're eligible for Buyer Protection and Rewards.

Email or mobile number
sb-nfuei5198229@personal.example.com

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Backend:

University Portal

Document Uploaded + New Search

List Items Per Page : 50 1 - 50 Of 74 1 / 2 Page

Edit	Status	Course Category	Course	Material Type	Content Title	Description
<input type="checkbox"/>	Document Approved	Programming	Basics of C++	Manual	Inheriting Fields.pdf	/Programming/Basics of C++/Ch
<input type="checkbox"/>	Document Approved	Programming	Basics of C++	Manual	Check if a Number is even or Odd.pdf	/Programming/Basics of C++/Ch
<input type="checkbox"/>	Document Approved	Programming	Basics of C++	Manual	INTRODUCTION TO C.pdf	/Programming/Basics of C++/Ch
<input type="checkbox"/>	Document Approved	Programming	Basics of C++	Manual	Adding Two Numbers.pdf	/Programming/Basics of C++/Ch
<input type="checkbox"/>	Document Approved	Programming	Basics of C++	Manual	Find the GCD of 2 Numbers.pdf	/Programming/Basics of C++/Ch
<input type="checkbox"/>	Document Approved	Programming	Basics of C++	Manual	Swap 2 Numbers.pdf	/Programming/Basics of C++/Ch
<input type="checkbox"/>	Document Approved	Networking	Basics Of Networking	Manual	Introduction to Networking	Cloud computing is the on-dema
<input type="checkbox"/>	Document Approved	Analytics	Machine Learning	Study Material	Machine learning application and life cycle	Machine learning has a wide ran
<input type="checkbox"/>	Document Approved	Analytics	Business Analytics for Decision Making	Manual	How Business Analytics impacts Decision Me	Business analytics can be applie
<input type="checkbox"/>	Document Approved	Analytics	Business Analytics for Decision Making	Study Material	Key Concepts in Business Analytics for Decis	Business analytics involves the c

Admin View:

Smart App Builder™

Application > Asset Management

IsActive ✓ +

Application Name: Asset Management

Display Name: Asset Management

Upload Logo

Description: Enter the Description

Access in: Web Application

Device: [Icons]

Version Upgrade To 0.158

Version Upgrade: Major [Off] Minor [On]

Force Update [On] Debug mode [Off]

Publish

Licenses Details

LICKDADFGHE12345678

Never Expires

Layouts Assignment

29

[Icons]

Users Assignment

[Icons]

Active Users

[Icons]

Menu Structure

Push Notification Certificate

[Icons]

Offline Settings

[Icons]

Calendar

[Icons]

https://cs-sandbox-inhouse.chainsys.com/appconnect/appdesigner/application/edit/launch#

Theme Setup

The screenshot shows the 'Theme Setup' interface in Smart App Builder. The top navigation bar includes the Smart App Builder logo, a notification bell, a help icon, a 'Log' button, and a 'ChainSys' logo. The main breadcrumb is 'Application > Asset Management > Theme Setup'. Below this, there are tabs for 'Quick Theme' and 'Fine Tune', with 'Fine Tune' selected. A left sidebar lists components: 'Header', 'Page Title', 'Body', 'Card', 'Input', 'Disabled Input', and 'Dependent Pick List'. The 'Header' component is selected, and its settings are shown in the main area. These settings include: 'Product Name Font Style', 'Product Name Font Weight' (set to 400), 'Product Name Font Size' (set to 16px), 'Header Background' (a color picker), 'Header Icon Badge Color' (a color picker), 'Header Icon Badge Background' (a color picker), 'Header Icon Color' (a color picker), 'Header Icon Font Size' (set to 23px), and 'header body divider' (set to 'none'). A 'Header Preview' window is open, showing a preview of the header with 'Text1', 'Text2', 'Bg1', and 'Bg2' labels. It also includes a 'Recommended' color palette and a 'Component Page' button. The bottom right corner shows a 'Component Page' button.

Log Details:

The screenshot shows the 'Log Details' interface in Smart App Builder. The top navigation bar is the same as in the previous screenshot. The main breadcrumb is 'Organization'. Below this, there is a 'Connection Name' field with the value 'Smart App Builder_inhouse_gitlab'. There are two radio buttons: 'Layout Template' (selected) and 'Email Template'. A 'History' button is visible. Below this, there is a search bar labeled 'Asset Management'. The main content area is divided into two sections: 'PUSH' and 'PULL'. The 'PUSH' section shows a 'Last Push' at '04-Jul-2023 05:05:42 AM' with a status of 'SUCCESS'. It includes a 'START' button and a 'Current Push' at '04-Jul-2023 05:05:42 AM' with a duration of '00:2:10' and a status of 'SUCCESS'. The 'Log Details' for the push are: '2023-07-04 05:06:53.318 => Started Application Publish...', '2023-07-04 05:06:53.318 => Application Publish Successfully.', '2023-07-04 05:06:53.318 => Called checkProjectPath() Successfully App name:Asset Management', '2023-07-04 05:06:53.379 => Login Api Called...', '2023-07-04 05:06:55.615 => Successfully logged in gitLab', and '2023-07-04 05:07:00.766 => Checking gitLab group:Group-name ==>SmartAppBuilder'. The 'PULL' section shows a 'Last Pull' with a status of 'SUCCESS'. It includes a 'FETCH' button and a 'Current Fetch' at '04-Jul-2023 05:07:57 AM' with a duration of '00:00:04' and a status of 'SUCCESS'. The 'Log Details' for the pull are: '2023-07-04 05:07:57.264 => GitLabProject Called Successfully App name:Asset Management', '2023-07-04 05:07:57.269 => Current Repository :SmartAppBuilder', '2023-07-04 05:07:57.269 => Project Path:https://wgit.chainsys.com/smartappbuilder/chainsys_60_s1efa1wq3x45/developerLayouts/2', and '2023-07-04 05:07:57.269 => Before Git Pull Operation:In-Progress'.

Conclusion

The e-learning industry has seen significant growth in recent years, and the trend is expected to continue. With the rise of remote work and the need for upskilling, many individuals and organizations are turning to online education platforms to learn new skills and stay competitive in the job market. Companies like Udemy and Coursera have already capitalized on this trend and have seen great success.

By using ChainSys's platform, universities and other educational institutions can better manage and utilize their data, which can help them create more effective courses and learning materials. This can also help them better understand their students' needs and preferences, which can lead to higher engagement and better learning outcomes. Overall, ChainSys's platform can help educational institutions stay competitive in the rapidly growing e-learning industry.