

# Multisite web application- Using AngularJS

Case Study

## Introduction

This applicaiton is multi-site portal based on MVC architecture. The site collects the information from alumni of different schools and universities which is used to print the yearbook. The editor defines book details such as list of questions to be answered by alumni and imports list of alumni. The alumni can provide details, share photo, send message to other alumni of the same book and submit the profile. The editor verifies the details and submit the book to publish. The application is configured to support a collection of websites with branding for each site.

- HOME
- PROGRESS
- STUDENT
- FEATURE
- PHOTO LIBRARY
- POLL QUESTIONS
- PAGE ORDER
- COVER
- POLL DESIGN
- SUBMIT
- PREVIEW

### Welcome to your yearbook home page

hide text

1. Use this page to navigate around the system and to check the progress of your book.
2. Create your book by receiving contributions from your students or adding content to your feature pages. Customise your cover design and arrange your pages.
3. Then complete the process by submitting your book to our graphic design team.



**1. Create**

**Book Progress**  
See the progress of your students and your feature pages.

Check Progress...

**Student Pages**  
View and edit the contributions from your students.

**Feature Pages**  
Add content to your pages here. Choose photos to use from your photo library and add the text for any articles.

**2. Customise**

**Page Order**  
Select the type of cover, order your students alphabetically or by form and arrange all the pages of your yearbook.

**Cover Design**  
Choose a cover design here and leave instructions to our designer to personalise it for you Or upload your own unique design.

**Poll Page Design**  
Select one of our designs of the poll page.

**3. Complete**

**Submit**  
When all your content is complete and has been checked, you should submit your book to our designers.

**Preview**  
Our designer will take your ideas and instructions and produce a fantastic book tailor made for you. Once it is ready you can view the PDF proof of your yearbook. Any final changes can be made at this stage.

## Features

### Log In

Editor and contributor user can login to system by entering their email and password details used while registering their profile.

## Login

  
  
[Lost your password?](#)

### Forgot Password

Forgot password functionality allows user to submit request for a new password to be sent to their email address. The application will accept an email address for the user's profile and request verification that the server recognizes this email address.

## Retrieve Password

[Go Back](#)

## Registration

User will need to register as an editor/contributor user from web and start managing their account.

### Sign Up

Register here for a free trial and your free Sample book. Try our system without obligation. [Go Back](#)

<b>Enter Your School/College Name *</b> <input type="text" value="Search school"/>	<b>Email *</b> <input type="text"/>
<b>Postcode *</b> <input type="text"/>	<b>Position within school *</b> <input type="text"/>
<b>Year group *</b> <input type="text" value="Please Select"/>	<b>Telephone *</b> <input type="text"/>
<b>Title *</b> <input type="text"/>	<b>Where did you hear about Meno?</b> <input type="text" value="Please Select"/>
<b>First Name *</b> <input type="text"/>	<b>Would you like any other info about Meno Yearbooks?</b> <input type="text"/>
<b>Last Name *</b> <input type="text"/>	<b>Where you would like your Sample book sent?</b> <input type="radio"/> School/College <input type="radio"/> Address below

## Editor User

### Book Progress

This is a feature available to editor only. Editor can monitor the progress of the book i.e. students and pages created in the book.



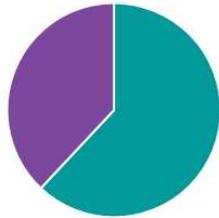
### Progress Report

Support

**Student Pages**

View/Edit Student Pages

Send Messages



■ Complete %  
■ Incomplete %

**Feature Pages**

View/Edit Feature Pages



■ Complete %  
■ Incomplete %

- Overall progress: 0%
- No. of features: 3
- No. part complete: 2

**Please personalise your introduction to your students by editing the text below**

Lorem ipsum dolor sit amet..", comes from a line in section 1.10.32.

The standard chunk of Lorem Ipsum used since the 1500s is reproduced below for those interested.

test test me

Max chars per line: 100 Lines Left: (7 of 10). Chars left: (700 of 1000)

Save

**Edit photo:**

Upload Photo

## Alumni (Student) pages

Editor can view the list of students registered for the book, the information shared by them. Editor can delete, edit the students or change the status of the students.

HOME
PROGRESS
STUDENT
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POLL QUESTIONS
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Please Select ▼

Student List / View inactive students

Search

Search
Show All

abc abc	EDIT	
Pooja Adhav	100%	
age-' ggldhfg ageone	100%	
ravinders fvdhgd" dfg aluwaliafdgdfg'-dfgdfg	62%	
radhika chand	0%	
leststudentnew lestlaststudew	38%	

Student: abc abc

[Contact Details](#)

Name:  Letters Left: 84

Date of birth:  ▼  ▼  ▼

Phone:  Letters Left: 16

[Name](#)

Letters Left: 20

[What was your best school moment?](#)

**B** *I*

Best School MomentBest School MomentBest School MomentBest School MomentBest School MomentSample text  
 Lorem ipsum dolor sit amet.", comes from a line in section 1.10.32. **A message from Mrs Murphy.**  
 The standard chunk of Lorem Ipsum used since the 1500s I Moment answer saved test 111

### Feature Pages

Using this feature, editor can manage feature pages of the book. Editor can create new pages, edit or delete the page, add photos to the pages.

HOME
PROGRESS
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POLL QUESTIONS
PAGE ORDER
COVER
POLL DESIGN
SUBMIT
PREVIEW

#### Book Content

test article	50%	☐▶
test montage	50%	☐▶
test filler bel...	0%	☐▶

## Feature Page








**B**
*I*

**Bold** Enter your text here

Max chars per line: 100
Lines Left: (40 of 40). Chars left: (4000 of 4000)

### Poll Questions

Editor can create a list of survey questions, edit or delete the questions. Contributor user can perform the survey and this information is later added in the yearbook.



### Poll Questions



Question	Answers	Order of Questions	Actions
<input type="text" value="New Ques"/> Multi choice - one answer <b>Warning</b> - Please do not change question type once answers have started without contacting Meno	<input type="text" value="one"/> <input type="text" value="two"/> <b>All active contributors</b>	1	
<input type="text" value="This is a big question This is a big question This is a big q"/> Single text box <b>Warning</b> - Please do not change question type once answers have started without contacting Meno		2	
<input type="text" value="reunion question"/> Multi choice - one answer <b>Warning</b> - Please do not change question type once answers have started without contacting Meno	<input type="text" value="AS.NeA.poojadsad adhav.p fdsf age-' ggfdhfg age"/> <b>All active contributors</b>	3	

## Photo Library

A list of photos shared by students can be viewed here. Editor can create folders, add photos to folder and arrange them.

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**Editor Folders** -

- Test prom photos
- my folder new
- Trash
- test rupalrr

**Student Folders** +

### Upload Photos

Upload all your photos and any pieces of artwork you would like to include in your yearbook here. Your students can also upload to your photo library for you to use in your book. [Click to add new photos](#)

Photos from Test prom photos



426411706.jpg

Uploaded By Editor



6rdnzqzhddd.jpg

Uploaded By Editor



7.gif

Uploaded By Editor

Select all photos:

## Upload Photos



Note:

Please upload only jpg, jpeg, gif or png files.

Please upload photo less than 25MB

Drop images here or click to select

Close

### Cover

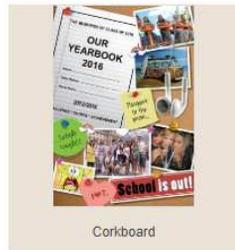
Using this feature, editor can change the book cover settings and survey page design.



### Customise - Choose your Cover Design



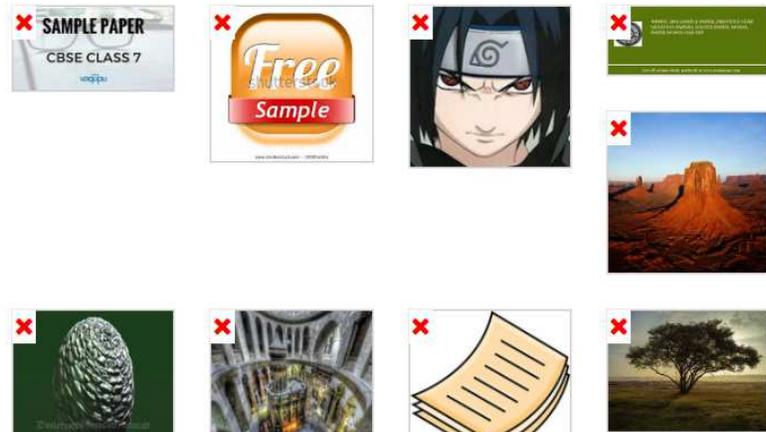
Choose a cover design here and leave instructions to our designer to personalise it for you Or upload your own unique design. Our designer will take your ideas and requirements and produce a tailor made cover just for you.



Leave notes to the designer here:

Test Note to designer

Save cover design & notes



## Submit

Editor can provide book publish details which is the last step of generating Year book.

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- 1
- Confirm content and page order
- 2
- Confirm Design Options
- 3
- Submit to designers

**Delivery Date:**

Please allow up to 10 weeks from now for the design & delivery of your yearbook.

**Number of copies:**

The price of your yearbook is largely determined by the number of copies ordered.

**Cover Type:**

Custom

UPLOAD  
YOUR OWN  
DESIGN

Change your book cover type

**Commissioning Editor (must be a teacher):**

**Name:**

**Telephone:**

**Email:**

**Student Editor:**

**Name:**

**Telephone:**

**Email:**

**Delivery Address:**

**Address:**

## Administration Panel

Editor can manage editors and contributors using this panel.

HOME
CONTRIBUTORS
EDITORS

Admin Settings ? 








Student List

Page number : 1 / 1

Search
Show All

First Name	Last Name	Email	Password	Group	Submission Confirmation email
<input type="text" value="abc"/>	<input type="text" value="abc"/>	<input type="text" value="abc@gmail.com"/>	<input style="border: 2px solid red;" type="password" value=""/> <small>Please enter password.</small>	<input type="text"/>	<input type="text" value="Message1"/> ▼
<input type="text" value="Pooja"/>	<input type="text" value="Adhav"/>	<input type="text" value="sumowtester5@gmail.com"/>	<input style="border: 2px solid red;" type="password" value=""/> <small>Please enter password.</small>	<input type="text"/>	<input type="text" value="Message1"/> ▼
<input type="text" value="age-' ggfdhfg"/>	<input type="text" value="ageone"/>	<input type="text" value="areess_test@hotmail.com"/>	<input style="border: 2px solid red;" type="password" value=""/> <small>Please enter password.</small>	<input type="text" value="11BAL"/>	<input type="text" value="Message1"/> ▼

## Contributor

### Your Entry and share photos

Using this feature, contributor provides profile information, survey question responses to be included in the book and share photos

**YOUR ENTRY** | **SHARE YOUR PHOTOS** | **COMMENTS FROM FRIENDS (1)** | **SUBMIT**

#### Select Your Question

- 1 Contact Details
- 2 Name
- 3 What was your best school moment?
- 4 What was your most embarrassing school moment?
- 5 Profile - Comments from friends
- 6 Photo 1&
- 7 Personal - Comments from friends
- 8 q1

### Your Entry



Name:  Letters Left: 22

Date of birth:

Phone:  Letters Left: 17

Name [i](#)

**Save & go to next question**

Letters Left: 32

What was your best school moment? [i](#)

**B I**

Sample text test 111222 test

Lorem ipsum dolor sit amet..", comes from a line in section 1.10.32.

color colour

### Share Message

Using this feature contributor can send or view messages to/from other contributors.

YOUR ENTRY | SHARE YOUR PHOTOS | COMMENTS FROM FRIENDS (1) | SUBMIT

View Sent Messages

Received Messages

- Select all
- Martin D'souza

### Content

    [Hide Advice](#)

This section allows you to send and receive messages from your fellow students. You can select those messages you want to include in your profile or personal page and click on the action buttons above. Once you have pasted the messages you can then edit the comments in your profile as necessary.

Martin D'souza: test

### Submit

Using this feature contributor user can preview the submitted questionnaire and submits the final information.

YOUR ENTRY | SHARE YOUR PHOTOS | COMMENTS FROM FRIENDS (1) | **SUBMIT**

### Sign off your entry - Submit

When your entry is complete and ready for submission, complete the steps below

1 **Review Profile** | 2 Submit Profile

You CAN NOT make any more changes once you submit your data so try and answer all the questions.

Please check you are happy with all your answers and the pictures you have uploaded.

Please Note: The preview below does not reflect the design of your profile in the final book.

If after reviewing your submission below you wish to make additional changes, click on the "Your Entry" tab above.



[Go To Step2](#) | [Let me amend my profile](#)

#### Answers to questions

Our designers will arrange and typeset your profile in line with the styling of the final book.

**Name:** pooja Adhav test 2  
**What was your best school moment?:** Sample text test 111222 test  
 Lorem ipsum dolor sit amet..", comes from a line in section 1 10 32

Photo Questions  
 Photo 1&



## Architecture

Application is built using AngularJS JavaScript Framework

- It is Open source. It implements the MVC pattern to separate presentation, data, and logic components.
- The basic building blocks of an Angular application are NgModules, which provide a compilation context for components. NgModules collect related code into functional sets; an Angular app is defined by a set of NgModules. An app always has at least a root module that enables bootstrapping, and typically has many more feature modules
  - o Components define *views*, which are sets of screen elements that Angular can choose among and modify according to your program logic and data. Every app has at least a root component
  - o Components use *services*, which provide specific functionality not directly related to views. Service providers can be *injected* into components as *dependencies*, making your code modular, reusable, and efficient.
- It brings traditionally server-side services, such as view-dependent controllers, to client-side web applications. Consequently, much of the burden on the server can be reduced.
- AngularJS two-way data binding is its most notable feature, largely relieving the server backend of templating responsibilities.
- It analyses the page DOM and builds the bindings based on the Angular-specific element attributes. That requires less writing, the code is cleaner, easier to understand and less error prone.
- Data binding occurs not on each control or value change (no change listeners) but at particular points of the JavaScript code execution. That dramatically improves performance as a single bulk Model/View update replaces hundreds of cascading data change events.

Architecture Diagram

