

Question - Create & Update View

In the earlier section we created a question from admin site, now let's create functionality so that a user can create and update a question from frontend.

Forms

We will create forms to handle our create and update views, the same forms will be used to pass to our views and get data from POST requests.

```
# Create Question
class QuestionCreationForm(forms.ModelForm):
    class Meta:
        model = Question
        fields = ['title', 'body', 'status']

# Update Question
class QuestionUpdateForm(forms.ModelForm):
    class Meta:
        model = Question
        fields = ['title', 'body', 'status']
```

Create View

Import the forms into the views file.

```
# Question Create
@login_required
def question_create(request):
    if request.method == 'POST':
        # Pass data to form
        form = QuestionCreationForm(request.POST)
        if form.is_valid():
            # Create an instance but do not save yet!
            instance = form.save(commit=False)
            # Assign question user to the current user
            instance.author = request.user
            # Save and commit to database
            instance.save()
            # Send a success message
            messages.success(request, 'Question created successfully!')
            # Redirect to the question detail view
            return redirect(reverse('question_detail', args=
(instance.id,)))
        else:
            # Send a blank form
```

```
        form = QuestionCreationForm()
    context = {
        'form': form
    }
    return render(request, 'djora/question_create.html', context)
```

URL's & Templates

Update all the URL's and base.html template.

Update View

Update view is similar to create view.

```
# Question Update
@login_required
def question_update(request, pk):
    # Check for valid question
    question = get_object_or_404(Question, pk=pk)
    # Check for valid user
    if question.author == request.user:
        if request.method == 'POST':
            # Pass data to form with instance as the requested question
            form = QuestionUpdateForm(request.POST, instance=question)
            if form.is_valid():
                # Save and commit to database
                instance = form.save()
                # Send success message
                messages.success(request, 'Question updated successfully!')
                # Redirect to the detail view of updated question
                return redirect(reverse('question_detail', args=(instance.id,)))
            else:
                # Pre-fill the form with existing data
                form = QuestionUpdateForm(instance=question)
        else:
            # If current user is not author then raise an error
            raise PermissionDenied
    context = {
        'form': form
    }
    return render(request, 'djora/question_update.html', context)
```

URL's & Templates

Update all the URL's and question_detail & profile templates.