# PayFun

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Non-logged-in users should register for the site. Registering users must provide some basic information such as user name, last name, password and email. Besides, user should provide telephone number and driver license/passport for authentication (through phone call). Registering for the site cause the user logged in as the newly registered user, displaying the Homepage.

Registered users may log in using their username and password and will then be redirected to the Homepage.

**Homepage** - displays activities launched by all users.

1.There will be a filters navigation, which enables user to sort posts by post time, location, sponsor number and follower number.

2. Post will show the title (a link to activity detailed page), post time, launcher information (a link to profile), location (a link to google map), activity start time, activity end time, activity brief description and the status of activity.

3. With each post there will be text to show the sponsor number and follower number, and a button to allow the logged in user to follow/unfollow the activity.

4. Click on the Activity name in the middle scrollbar will redirect to the detail pages

5.Click on the name of a username will redirect to the profile page of that user.

6.A user can decide to follow an activity at the home page

**ActivityDetail page** - display detail information for an activity.

| PayFun | | Hi, JinKe |
|---|---|---|
| | Home   Jin Ke   Log out | |

**Paint the Fence**

Sexy Boyi
03/21/2018

Location: Pittsburgh.    Start Time: 3/30/2018   Target Money: 50$. Current Money: 10$

Brief Discription: I am going to paint the fence at 3/30/2018 to celebrate the first week back from the spring break.

Detail Content: I am going to paint the fence at 3/30/2018 to celebrate the first week back from the spring break. I am going to paint the fence at 3/30/2018 to celebrate the first week back from the spring break. I am going to paint the fence at 3/30/2018 to celebrate the first week back from the spring break. I am going to paint the fence at 3/30/2018 to celebrate

Process:
Process1: Design the pictures
Content: We need some picture presenting the Spring

| Follow | Sponsor | Update |
|---|---|---|

| | Post Comment |
|---|---|

Happy tree
03/21/2018
I think it's interesting!

1. There will be a field to show the launcher information (a link to profile) and several text areas to show the title, post time, location(a link to google map), activity start time, activity end time, activity brief description, detailed content, target amount of money, current amount of money, sponsor number, follower number and the status of activity.
2. There will be a process list to show the progress of activity including text and picture.
3. There will be several buttons for user to follow and donate money (a link to pay page), and allow launcher to update the process( a pop-up box for launcher to upload text and picture to show the process of activity).
4.There will be a text input to allow user to add comment for activity and there will be a list of comment added by users. Comment will show the commenter, content and information.


**ActivityLaunch page** - allow user to launch a new activity.
1. There will be some text input area Launcher should fill for activity and a button to launch the activity.

**Launched page** -  displays only the activities launched by currently logged in user.
1.Activities and related information will be display in the same manner as the Homepage.

**Followed page** -  displays only the activities that currently logged in user is following:
1.Activities and related information will be display in the same manner as the Homepage.

**Sponsor page** -  displays only the activities that currently logged in user sponsored:
1.Activities and related information will be display in the same manner as the Homepage.

**Notification page** - display notifications sent to users
1.There will be a list of notification ordered by sent time.

**Payment page** - allow user to change payment and  add/remove card.
**Paypage**- allow user to complete the payment

**The first sprint backlog:**

1. All pages will use template inheritance to provide the common features (the heading and the navigation).

2. Display all the components of the UI for Login page, Register page, Homepage, ActivityDetail page, Launched page,Followed page, Sponsored page and  Notification page, including dummy data for Activities, User information, Comments, Progress.

3. All the navigation links will work.

4. All models would exist.

Models
class User(models.Model):
FirstName = models.CharField()
LastName = models.CharField()
Username = models.CharField()
Password = models.CharField())
PhoneNumber = models.CharField()
Email = models.EmailField()
PassPort/ DriverLicences = models.CharField()
Credits = models.FloatField()

class Acitivity(models.Model):
Launcher = models.CharField()
Title  = models.CharField()
Biref Description = models.TextField()
Content = models.CharField()
Picture = models.FileField(upload_to="images")
Target_Money_Needed = models.FloatField()
StartTime = models.DateTimeField()
EndTime = models.DateTimeField()
Location = models.CharField()
Contributor = models.ForeignKey(User)
IfLaunchedSuccessfully = models.BinaryField()
IfFinishedSuccessfully = models.BinaryField()

class LauncherAndActivity(models.Model):

```python
launcher = models.CharField()
activity = models.ForeignKey(Activity)

class SponserAndActivity(models.Model):
Sponsor = models.CharField()
Activity = models.ForeignKey(Activity)
Time = models.DateTimeField()
MoneySponsered = models.FloatField()
IfAnonymous = models.BinaryField()

class UserFollowAcitivity(models.Model):
User = models.ForeignKey(User)
Activity = models.ForeignKey(Activity)

class ProgressForActivity(models.Model):
Activity = models.ForeignKey(Activity)
Time = models.DateTimeField()
Content = models.CharField()
Picture = models.FileField(upload_to="images")

class CommentsForActivity(models.Model):
Activity = models.ForeignKey(Activity)
Time = models.DateTimeField()
Comment = models.CharField()
Commenter = models.CharField()

class NotiForSponserAndHisAcitivity(models.Model):
Activity = models.ForeignKey(Activity)
Sponsor =  models.CharField()
Notification =  models.CharField()
Time = models.DateTimeField()
```