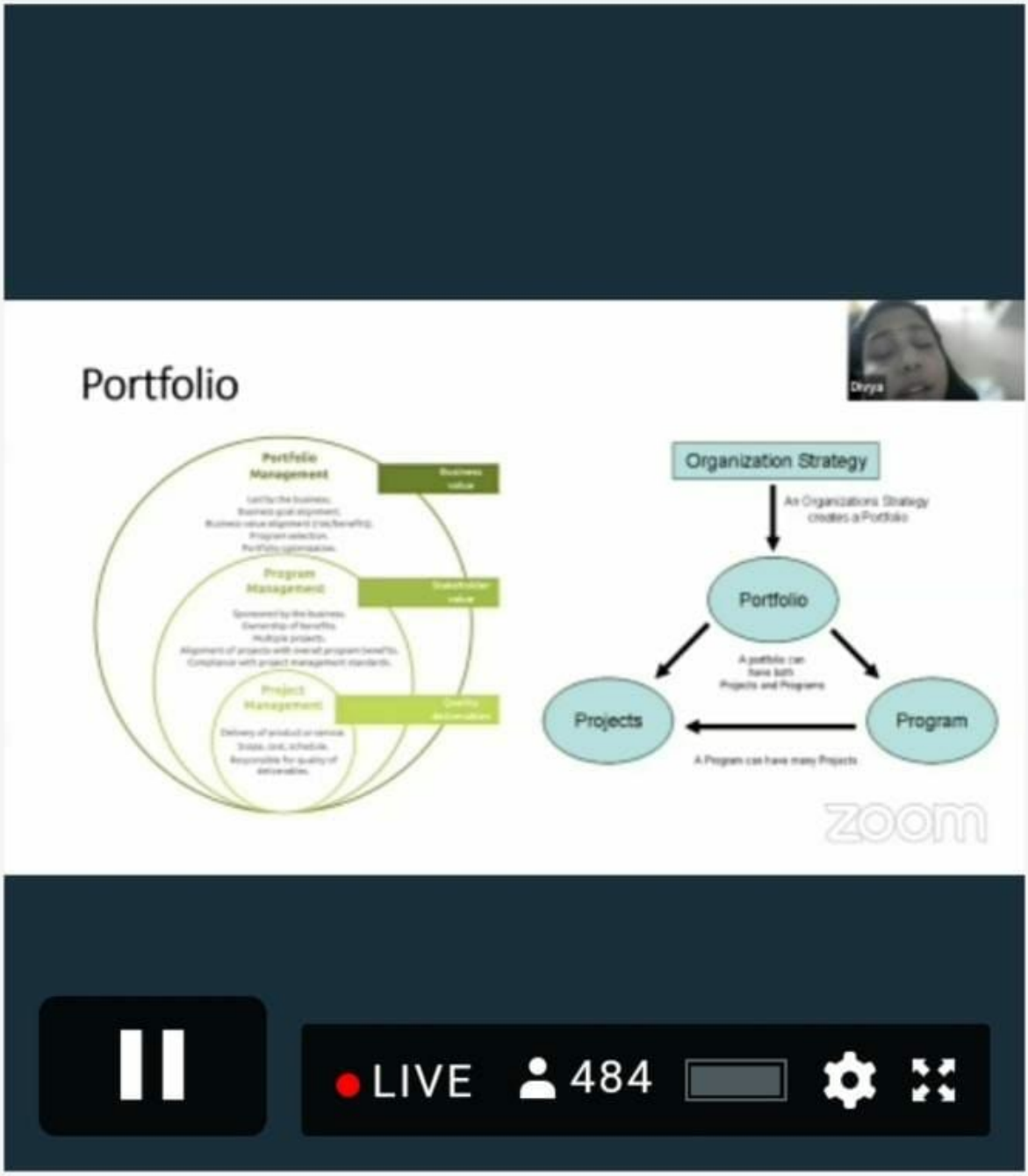
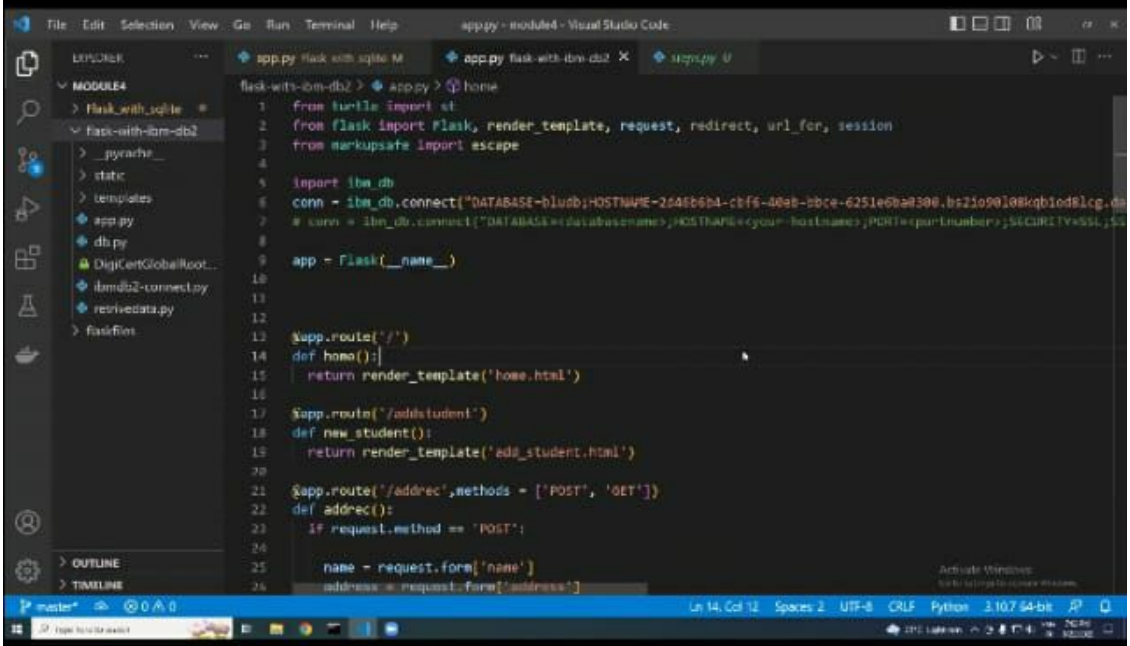
# Agile Methodology - Session 1




Join to chat



```
def handleSignup(request):
    if request.method =='POST':
            # get the post parameters
            uname = request.POST["uname"]
            fname=request.POST["fname"]
            lname=request.POST["lname"]
            email = request.POST["email"]
            profession = request.POST['profession']
            Savings = request.POST['Savings']
            income = request.POST['income']
            pass1 = request.POST["pass1"]
            pass2 = request.POST["pass2"]
            profile = UserProfile(Savings = Savings,profession=profession,income=income)
            # check for errors in input
            if request.method == 'POST':
                try:
                    user_exists = User.objects.get(username=request.POST['uname'])
                    messages.error(request," Username already taken, Try something else!!!
                    return redirect("/register")
                except User.DoesNotExist:
                    if len(uname)>15:
                        messages.error(request," Username must be max 15 characters, Pleas
                        return redirect("/register")

                    if not uname.isalnum():
                        messages.error(request," Username should only contain letters and
                        return redirect("/register")

                    if pass1 != pass2:
                        messages.error(request," Password do not match, Please try again")
                        return redirect("/register")
```

```
def addmoney_submission(request):
    if request.session.has_key('is_logged'):
        if request.method == "POST":
            user_id = request.session["user_id"]
            user1 = User.objects.get(id=user_id)
            addmoney_info1 = Addmoney_info.objects.filter(user=user1).order_by('-Date')
            add_money = request.POST["add_money"]
            quantity = request.POST["quantity"]
            Date = request.POST["Date"]
            Category = request.POST["Category"]
            add = Addmoney_info(user = user1,add_money=add_money,quantity=quantity,Date
            add.save()
            paginator = Paginator(addmoney_info1, 4)
            page_number = request.GET.get('page')
            page_obj = Paginator.get_page(paginator,page_number)
            context = {
                'page_obj' : page_obj
                }
            return render(request,'home/index.html',context)
    return redirect('/index')
def addmoney_update(request,id):
    if request.session.has_key('is_logged'):
        if request.method == "POST":
            add  = Addmoney_info.objects.get(id=id)
            add .add_money = request.POST["add_money"]
            add.quantity = request.POST["quantity"]
            add.Date = request.POST["Date"]
            add.Category = request.POST["Category"]
            add .save()
            return redirect("/index")
    return redirect("/home")
```

```
def expense_month(request):
    todays_date = datetime.date.today()
    one_month_ago = todays_date-datetime.timedelta(days=30)
    user_id = request.session["user_id"]
    user1 = User.objects.get(id=user_id)
    addmoney = Addmoney_info.objects.filter(user = user1,Date__gte=one_month_ago,Date__l
    finalrep ={}

    def get_Category(addmoney_info):
        # if addmoney_info.add_money=="Expense":
        return addmoney_info.Category
    Category_list = list(set(map(get_Category,addmoney)))

    def get_expense_category_amount(Category,add_money):
        quantity = 0
        filtered_by_category = addmoney.filter(Category = Category,add_money="Expense")
        for item in filtered_by_category:
            quantity+=item.quantity
        return quantity

    for x in addmoney:
        for y in Category_list:
            finalrep[y]= get_expense_category_amount(y,"Expense")

    return JsonResponse({'expense_category_data': finalrep}, safe=False)


def stats(request):
    if request.session.has_key('is_logged') :
        todays_date = datetime.date.today()
        one_month_ago = todays_date-datetime.timedelta(days=30)
        user_id = request.session["user_id"]
        user1 = User.objects.get(id=user_id)
        addmoney_info = Addmoney_info.objects.filter(user = user1,Date__gte=one_month_ag
        sum = 0
```