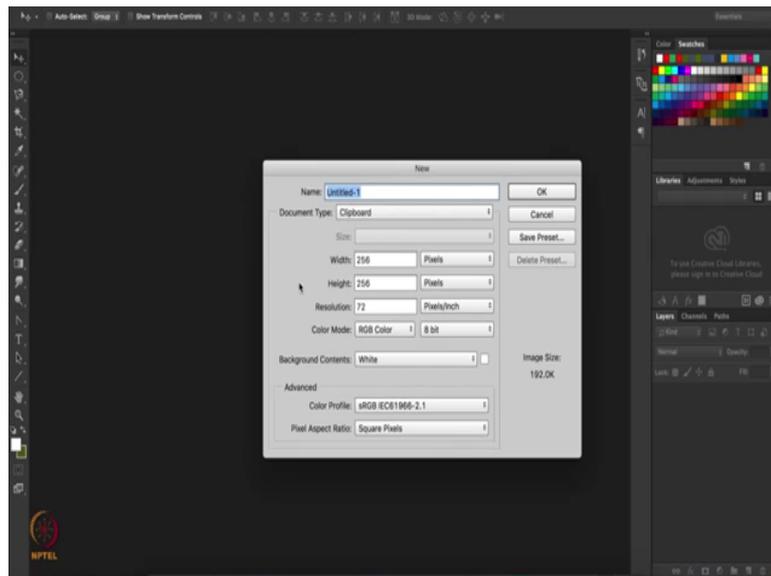


Introduction to Human Computer Interaction
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Lecture – 07
Tutorial on UI Designing using Photoshop

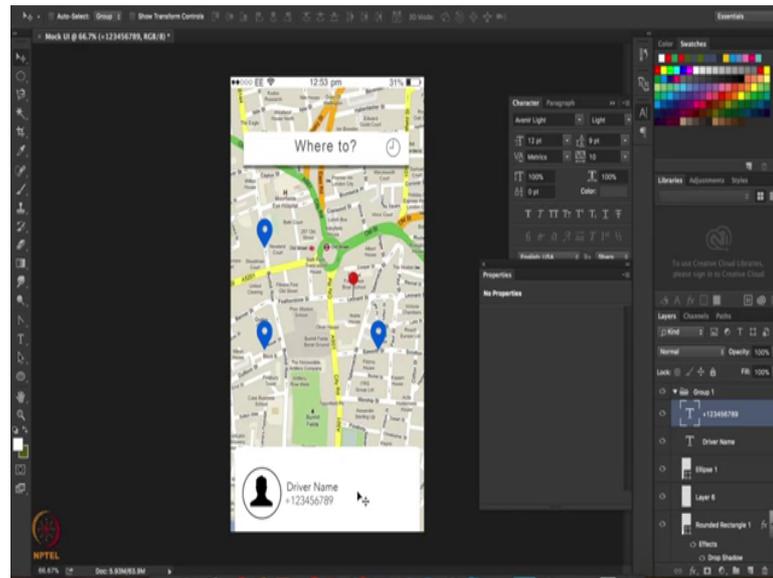
Hello everyone, in the last part of the video, we discussed the different tools available in photoshop. And how to use them? Now, we are going to use those tools to make a mock UI. So, that our understanding of them is better the UI which we will be making will be of a taxi service we will be taking design hints from Uber and trying to replicate it. So, that it is easier for us to understand and follow. The first thing which we need to do is make a canvas which resembles a mobile screen.

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Now, the usual size of a mobile screen is 1080 by 1920 and we will let the resolution be 300 pixels per inch. So, as you can see over here we have a canvas which resembles a mobile screen.

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We will be making our UI for an iOS device. So, the first thing we need is a status bar on top. So, I will just I have my status bar over here I will just copy it and paste it into my project. we can resize it by pressing command t on the Mac and control t on windows

So, I will just resize it. So, that it fits the top of my screen there. So now, we have emulated an iOS screen. Now, if you remember the Uber app, it has the following components, it has a street map view, it has taxis on the on the streets, it has driver information at the bottom, as a card. Where, it shows the profile picture of the driver his name and his contact information and you have a text box in the middle which says where to and beside it is an icon which allows you to book cabs for later. before, we move on to using the photoshop tools we need to collect all the graphics and the images required to make the application.

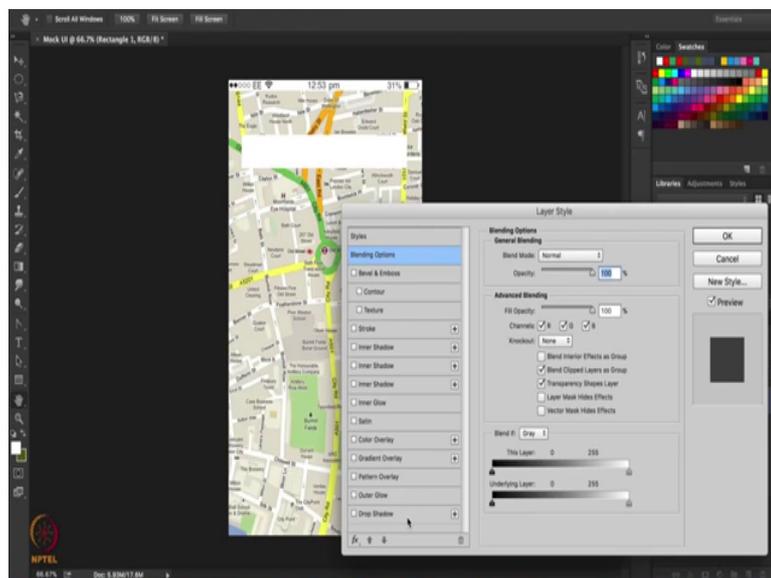
We will start off with the map. So, I will just copy this map into my project. Again, I will use control t or command t to resize the map. Now, one interesting thing which we will see over here; as I am increasing the size of the map any portion of the map which is outside the canvas is not visible to us. So, we can use this to just increase the size till it fits the mobile screen and we should remember to hold shift. So, that the dimensions of the image do not get distorted. Here, we have the general skeleton of our application. Now, the next graphics which we have to collect is the symbol to indicate that you can

book cabs later. Depends which will identify where the cabs are or outline for the driver profile picture.

So, let us. So, 1 place which is very good for to collect all these icons is flight icon. So, it has a huge database of avatars of symbols and icons which you can use for your mock ups. The first thing which I will search for is a clock which will identify my feature for booking cabs later. So, once I click on it the options will open up I will go on ping and then I can download the 256 pixels version and it is a free download the next thing I need is the pins which will identify where my cabs are.

So, we will be using blue color pins to identify with the cabs again the same procedure png in 256 and we will using the red pin to identify where the rider is the last thing we need is a skeleton which will identify the driver profile picture. So, we can use this one for our mock up now that we have collected all the graphics and images which we would need let us go ahead and build our application the first thing we will build is the text box.

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Which is ad in the middle of the screen, which says where to I will be using the rectangle shape to make it. Now, here we have a rectangle let us just center it and if we want to change the size of it again we can press command t and resize the rectangle. Now, to give this UI a better appearance what we would do is add depth to the text box, how we would do this? Is, we select the layer in which the rectangle is we go to the layer option go to layer style and then blending options all these are options which were which will modify

the layer in some way or another for now, we need to add depth to the text box. So, we will be using a drop shadow.

So, as you can see over here the moment I added it there is a shadow behind the box which gives it an appearance of having some depth. I can change the distance over here, which would work for us 15 seems to be the best now once we have a text box. We need to add some text in it. So, here I have added the text to where to which is similar to what it is in Uber we will just make sure the text is in the center of this text box and using the different text properties we can change the font. So, for simplicity we will use Arial like regular and we can change the color.

So, let us give this a lighter shade. So now, we have a text box ready the one graphic which we collected was an icon to allow users to book cabs for later on. So, let us go to the time icon paste it in to our project and let us resize it. So, it fix fits inside the text box here we have completed the text box which has where to whether user can enter his destination and we have a symbol which indicates that a user can book cabs for later on. The next thing which we need to do is use the pin to identify where the user is currently. So, I will good go to the pin icon which I collected paste it here. Now I can resize it and place it on my map.

So, this indicates where the user is, currently the next thing which we would need is the pins to tell the user where the cabs are. And for this we selected the blue pin. So, I will just paste this over here again I will resize it and start placing these pins on the map. Now, one thing which we can do is since we need a lot of these pins on the map we can we can just copy the layers.

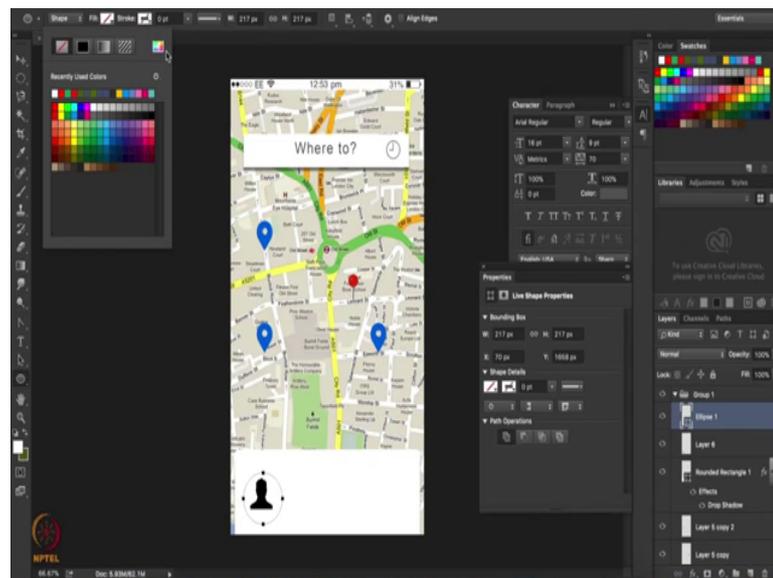
Now, how you copy the layers is using command j on the Mac and control j on windows. So, I will just make a copy of this layer. So, as you can see here we have layer 5 copy and it is on top of our current layer. So, I will just use these mouse and move it out and place it somewhere else I will do this once more place it somewhere else on the map.

Now, we have 3 cabs on the map the next thing which we would need, now is a card below which would tell us the driver information. Now, how we can make this? Is using the rounded rectangle tool again I will use the same trick where I will make the card in such a way that some of it is outside the canvas and some of it is in the canvas. So, it looks like the user can swipe up and access the full card. So, I will just resize it now. So,

it fits my screen and I will make sure that it is in the center. Now, again to add some depth to this we will follow the same procedure where we will select the layer. We will go on the layer options layer style blending options and add a drop shadow will all add a distance of 40 and there we have our card.

Now, to increase the roundness of the edges we have options over here. So, as you can see each edge right now is rounded by 10 pixels. So, I can just increase this to 20 and as you can see the edges became more rounded now, over here. We from flat icon we got the user picture. So, let it just copy this into photoshop we can resize this and move it to a card. Now, to make it add more distinction to it let us just add a circle around the picture I will use the ellipse tool hold shift down because I need a perfect circle and just draw it around them right now, our circle is not transparent. So, how we can make it transparent is go to fill and choose this option it will make it transparent now and we need a border to the circle.

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So, how we can do that? Is using this option and just change it to one as you can see this has a thicker border. Now, I will just make sure my circle is perfectly around the image and there we have the driver picture. Now, the last 2 things which we need to add is the driver name and his contact information. We will go back to our text tool add a text box right over here, which will say driver name. So, we would want this to be a little more bold. So, I will change the color to black and I will change the font. So, it looks a little

more crisp and we can also reduce the vertical distance between the each letter. So, that just make it 10; I need to reduce the font size as it is covering too much space.

Now, there we have the driver name. So now, the last thing which we would need is the driver contact information. So, we will just add a text box below the driver name and put in a random phone number just to make the distinction between the driver name and the phone number.

We will give this a lighter font color and we will make sure it is right below the driver name there we have a quick UI prototype for any app. Which you want to make you can; obviously, be more creative with it use lot more graphics a lot more images and explore around the different options we have in photoshop. I hope this was informative and we learned a little better how to use the tools.

Thank you.