

## CPAN 212 – Modern Web Technologies Lab 4

### Task:

1. Create new Express app with Pug templates
2. Create route “generate-image” to render form and generate image url
3. Create form using Pug to accept image height, width, blur, and grayscale
4. Create post method for route that returns src url with requested params
5. On post render the generate-image form and the image url returned  
<https://picsum.photos/>  
<https://picsum.photos/id/870/200/300?grayscale&blur=2>
6. Create route “generate-qr-code” to render form and generate qr code image url
7. Create form using Pug to accept qr code height, width, and value
8. Create post method for route that returns src url with requested params
9. On post render the generate-qr-code form and the image url returned  
<https://documentation.image-charts.com/qr-codes/>  
<https://image-charts.com/chart?chs=150x150&cht=qr&chl=Hello%20world>

Only width and  
value

Weight: 4% of final grade

Rubric	WEIGHTAGE
Create new Express app with Pug templates	30
Express route and Pug template with form to generate and render picsum image	35
Express route and Pug template with form to generate and render qr code	35
<b>TOTAL</b>	<b>100</b>