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2.3	9
2.4	9
2.5	10
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6.3	23
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10	33
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10.5	37
10.6	37

11	39
11.1	39
11.2	39
11.3	40
12	41
12.1	41
12.2	43
12.3	46
12.4	48
12.4.1C/S	49
12.4.2B/S	50
12.4.3 VR	51
12.5	52
12.5.1	53
12.5.2	54

12.5.3	54
12.6	55
12.6.1	55
12.6.2	60
12.6.3	64
12.6.4	68
12.7	71
12.7.1	71
12.7.2	72

2017

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www.ilab-x.com

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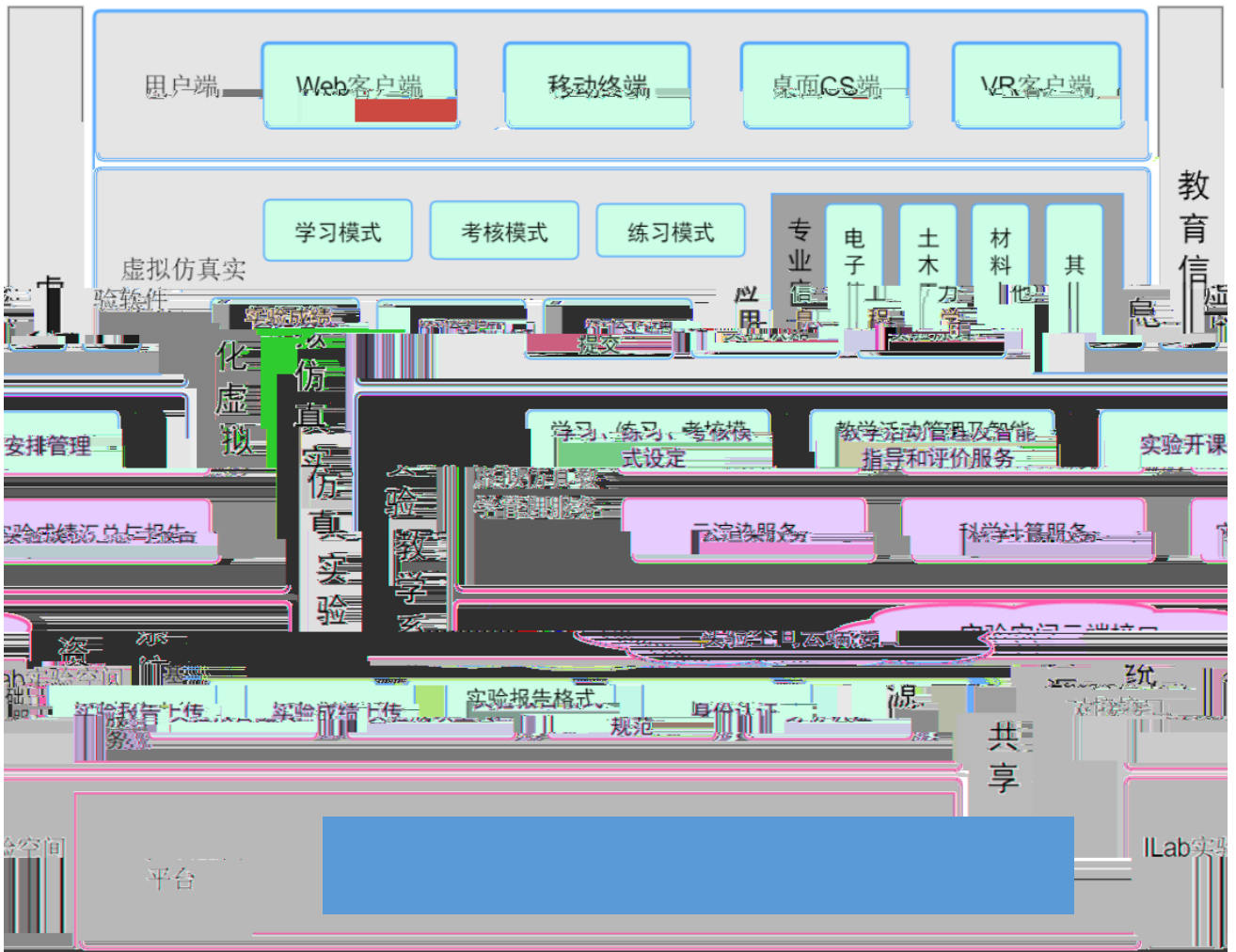
LED

3D

5G

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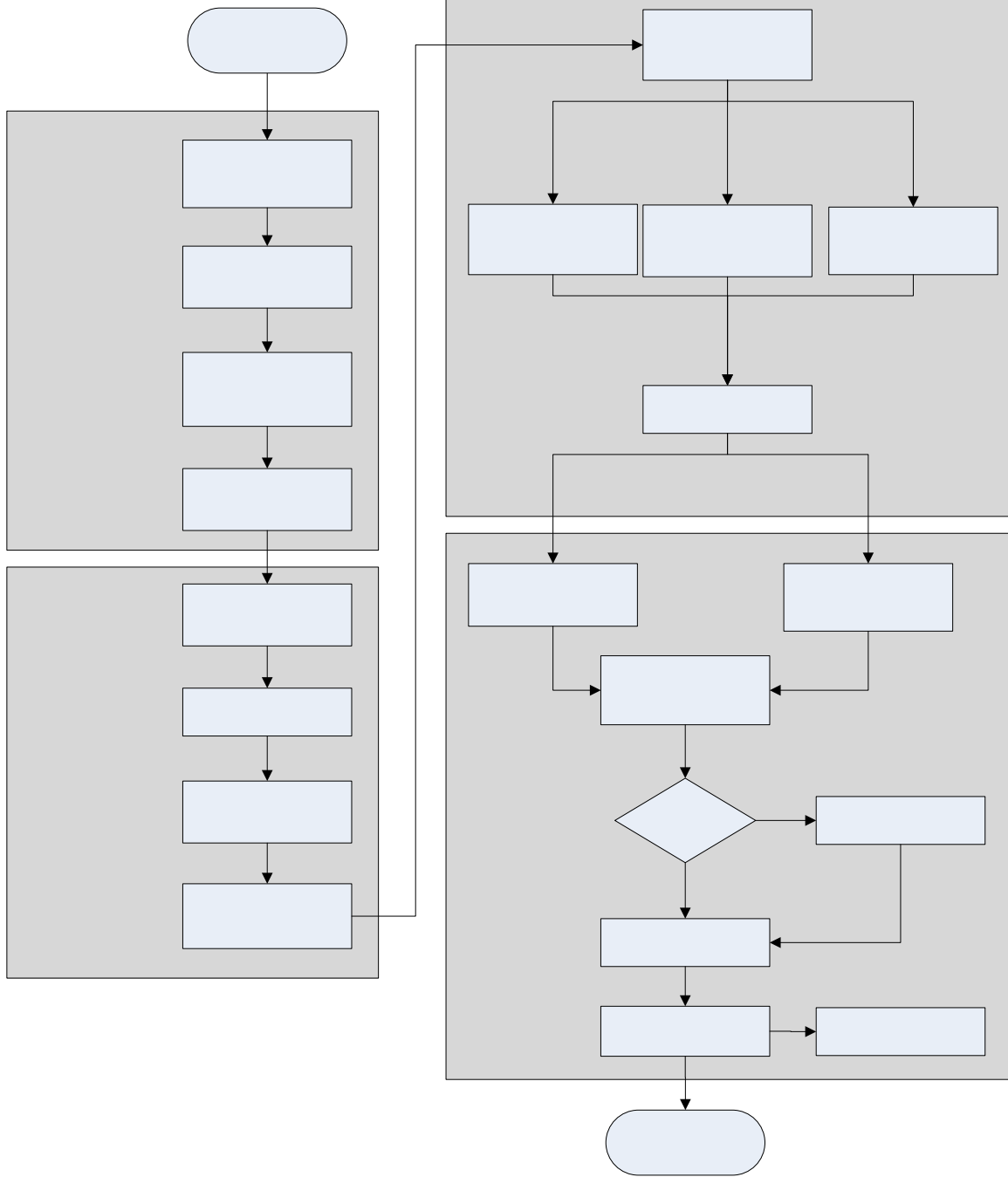
UI

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- C/S - B/S VR
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Client-Server(C/S)

iLab

C/S



B/S B/S



500MB

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300



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B/S Browser/Server

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C/S

iLab

B/S

B/S

WebGL/Web3D HTML5



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PCVR

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PCVR

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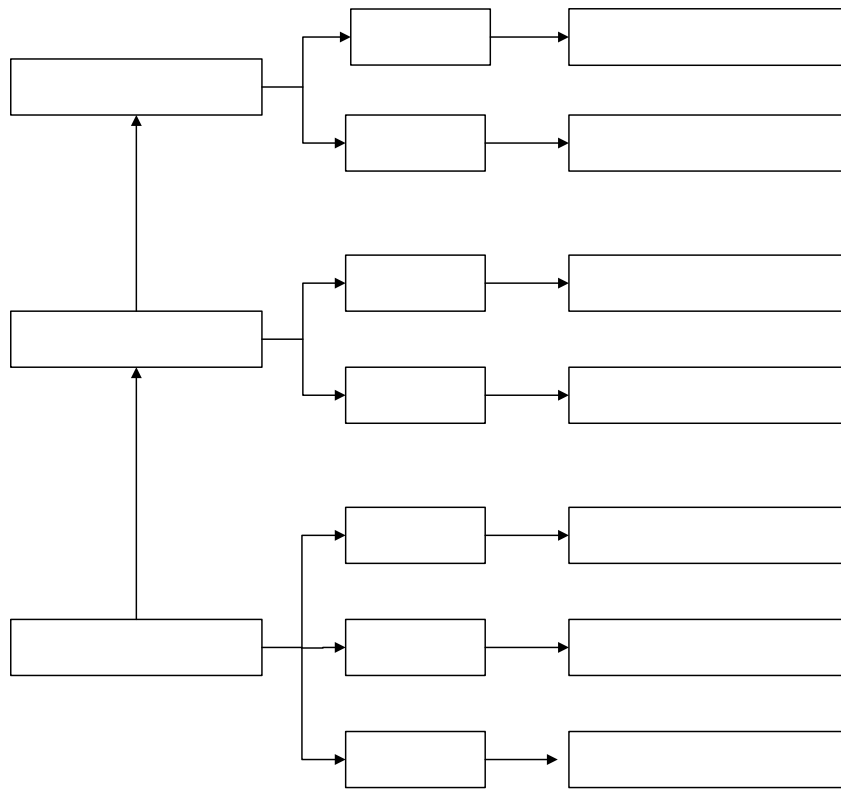
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3D

2D

1 3D

- 3DS MAX MAYA C4D Softimage 3D

3D

- Rhino NURBS

- ZBrush 3D

2 2D

- Adobe Illustrator 2D

- Flash 2D 2D

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- Paint

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- Photoshop

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- AfterEffect

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- 3D Unity3D UE4 ThreeJS BabylonJS 3D

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- C++ JAVA
- C# JavaScript

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iLab-x.com 500 2019

6.87Mbps

120

75.4%

20

31.0%

2



90



20



iLab-x.com

500

2019

6.87Mbps

60

75.2%

10

25.5%

3



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iLab-x.com

500

2019

10

87.8%

1

67.1%

4



1



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iLab-x.com

500

2019

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86.1%

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6



30



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- Intel Core i5-7400
- Intel Core i7-9700k

CPU

2

- NVIDIA GeForce GTX 960 / AMD Radeon R9 290

- NVIDIA GeForce GTX 1060 / AMD Radeon RX 480

- GPU

3

- 8GB

- 16GB

-

4

- 10GB

- 40GB

-

GB

5

- 1024*768
- 1920*1080
-

7



8



20Mb/s



50Mb/s



Mb

9



1Gb/s

100Mb/s



1Gb/s

200Mb/s



10



HTML5



IE Chrome Firefox

IE

Chrome Firefox

HTML5

Unity3D WebGL

Chrome

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120

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- Kinect realSense LeapMotion

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- LED

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- VR AR MR Zspace

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