

Event Card

Pick up at the end of day

9

Event Card

Pick up at the end of day

10

Event Card

Pick up at the end of day

11

Event Card

Pick up at the end of day

12

Event Card

Pick up at the end of day

13

Event Card

Pick up at the end of day

14

Did you remember to pull to replenish to WIP limits, and update the Day Ready on any new stories?

Have the CFD and Control Chart Trackers updated their charts?

Don't forget about the Fixed Delivery Date stories!

Good luck!

Hold a **quick** retrospective.
What's working well?
What could be improved?

Do all of the stories in the Ready column have their Day Ready field updated?

Financial Analyst: this is the end of a billing cycle, remember to do your financial summary.

A serious defect has been raised on the first Standard story in the Test column.

Put a pink "Blocked" sticky on the first Standard story in Test. No further testing can be done on this story until the defect has been resolved. The dots on the sticky represent development work (blue dice count for double face value). Once resolved, any leftover development work may be spent in the Development column. Other stories may pass the blocked story.

How are the roles working out - Project Manager, Financial Analyst, Chart Trackers?

Change roles if anyone is having difficulty.

Remember that story F1 is due by end of day 15

Alison, the CEO, has hired a new Test Manager, named Carlos.

Carlos sets a new policy, that **from now on:**

1. Only Testers may do testing work (neither Designers nor Developers may assist), and
2. Testers are not to work on anything but testing.

Alison has told us to respect Carlos' position, and follow his policy.

Trackers annotate your charts to indicate this event.

Event Card

Pick up at the end of day

15

Event Card

Pick up at the end of day

16

Event Card

Pick up at the end of day

17

Event Card

Pick up at the end of day

18

Event Card

Pick up at the end of day

19

Event Card

Pick up at the end of day

20

Carlos believes that his Testers are not as focused on their work as they should be. He requires that each Tester do their best, follow the testing process he has defined, and aim to roll at least a 5 on their die every day. He will be monitoring individual performance.

Carlos hasn't heard of quality guru, W. Edwards Deming, have you?

There is nothing to do for this event, but look up Deming later if you don't know about him.

Hold a **quick** retrospective.

Notice that the Ready queue is never fully depleted. Ask your facilitator to update the Ready queue WIP limit to 3. Do not remove existing stories from the queue, just honor the new WIP limit from now on. What impact do you predict this will have on cycle time?

Trackers annotate your charts.

Financial Analyst: this is the end of a billing cycle, remember to do your financial summary.

Ernie from BigCo has asked that we urgently tailor our product for his intranet. He has some OpEx budget that he has to spend before the end of the financial year, which is three days from now. If we have the work completed by close of business on day 21, he will pay us \$5,000. If we don't have it completed by then, he will pay nothing.

There is an Expedite story at the back of the deck of Standard stories. Put it in the Expedite lane at Design Doing. This lane can exceed WIP limits. Expedite items do not have to wait in queues.

Financial Analyst: this is the end of a billing cycle, remember to do your financial summary.

Alison notices that testing has become a bottleneck. She tells Carlos to drop his policy, and collaborate when necessary. Carlos refuses and starts yelling about being undermined and having to work with lazy staff.

Alison fires him on the spot, and hires an additional Tester in his place. Carlos' policy is revoked.

Ask for another orange die. Trackers annotate your charts.

Analyse your charts. Can you see the impact of the following changes:

- Carlos' policy came into effect at the end of day 13.
- At the end of day 17 Carlos' policy was revoked and a new Tester hired.
- The WIP limit on the Ready queue was reduced from 6 to 3 at the end of day 15.

If we have finished all three Intangible stories, the quality of our product has improved significantly. It is now faster to develop on, and we are finding fewer defects. Reduce the Dev work by 2 and the Test work by 1 **on all remaining stories.**

If we have not completed the Intangible stories yet, we may apply this reduction once we have completed them.

Event Card

Pick up at the end of day

21

Ready (3)

Clear Tote Bag:

Event cards, sorted: Day 9 - 21
Story cards, cleaned and sorted:

F1-2, I1-3, S1-30, E1

Pink Blocker stickies

6 cloths

Dry-erase markers:

3 Black 1 Green

2 Brown 1 Red

1 Purple 1 Blue

1 Orange

Dice:

2 Red

3 Blue

2 Orange (return
one to facilitator)

Contents

Green Sleeve:

Game board

CFD Chart

Control Chart

Financial Summaries

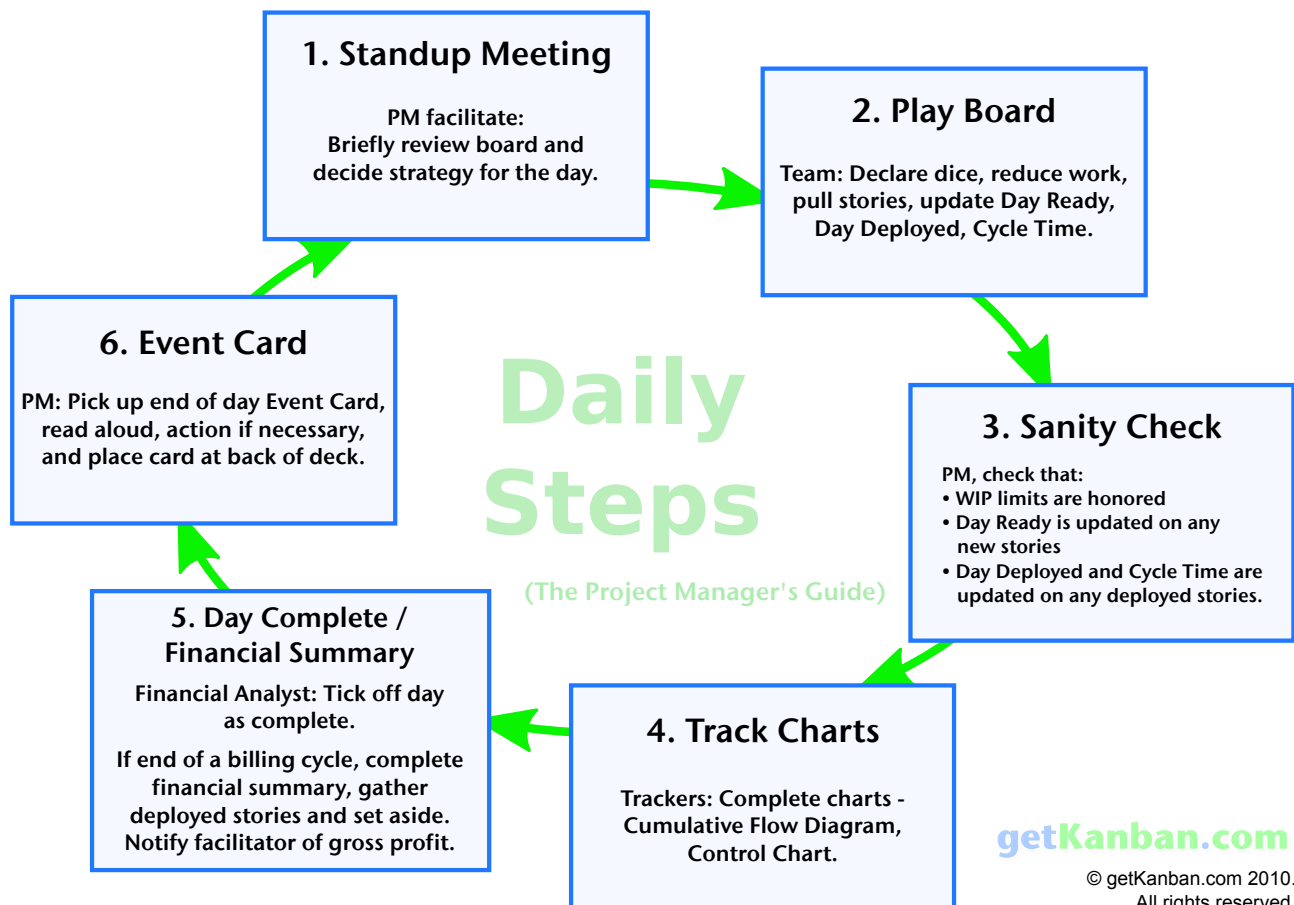
Daily Steps

3 Instruction Sheets

Return to Facilitator:

1 Orange die

Ready WIP limit update



getKanban.com

© getKanban.com 2010.
All rights reserved.

We made it! This is the end of the game.

Control Chart Tracker: track an approximate 3-point moving average line through the data points for Standard stories on your chart to show any trends over time.

Financial Analyst: please complete your final financial summary.

Project Manager: divide the story cards among the team, wipe clean, and sort into order.

(Have a sheet of paper under the cards when wiping clean to avoid leaving a mess.)

Keep the charts for discussion.

Put the remaining items away in the bags provided.

S1 (Test) Subs: 11 <div>Design</div> <div>Dev</div> <div>Test</div> <div>Day Deployed</div> - <div>Day Ready</div> = <div>Cycle Time</div> <div></div> - <div>1</div> = <div></div>	S2 (Test) Subs: 12 <div>Design</div> <div>Dev</div> <div>Test</div> <div>Day Deployed</div> - <div>Day Ready</div> = <div>Cycle Time</div> <div></div> - <div>1</div> = <div></div>	S3 (Test) Subs: 11 <div>Design</div> <div>Dev</div> <div>Test</div> <div>Day Deployed</div> - <div>Day Ready</div> = <div>Cycle Time</div> <div></div> - <div>1</div> = <div></div>
S4 (Dev Done) Subs: 10 <div>Design</div> <div>Dev</div> <div>Test</div> <div>Day Deployed</div> - <div>Day Ready</div> = <div>Cycle Time</div> <div></div> - <div>2</div> = <div></div>	S5 (Dev Done) Subs: 13 <div>Design</div> <div>Dev</div> <div>Test</div> <div>Day Deployed</div> - <div>Day Ready</div> = <div>Cycle Time</div> <div></div> - <div>2</div> = <div></div>	S6 (Dev Doing) Subs: 11 <div>Design</div> <div>Dev</div> <div>Test</div> <div>Day Deployed</div> - <div>Day Ready</div> = <div>Cycle Time</div> <div></div> - <div>3</div> = <div></div>
S7 (Dev Doing) Subs: 12 <div>Design</div> <div>Dev</div> <div>Test</div> <div>Day Deployed</div> - <div>Day Ready</div> = <div>Cycle Time</div> <div></div> - <div>3</div> = <div></div>	S8 (Design Done) Subs: 10 <div>Design</div> <div>Dev</div> <div>Test</div> <div>Day Deployed</div> - <div>Day Ready</div> = <div>Cycle Time</div> <div></div> - <div>3</div> = <div></div>	S9 (Design Doing) Subs: 12 <div>Design</div> <div>Dev</div> <div>Test</div> <div>Day Deployed</div> - <div>Day Ready</div> = <div>Cycle Time</div> <div></div> - <div>4</div> = <div></div>
S10 (Design Doing) Subs: 11 <div>Design</div> <div>Dev</div> <div>Test</div> <div>Day Deployed</div> - <div>Day Ready</div> = <div>Cycle Time</div> <div></div> - <div>4</div> = <div></div>	S11 (Ready) Subs: 13 <div>Design</div> <div>Dev</div> <div>Test</div> <div>Day Deployed</div> - <div>Day Ready</div> = <div>Cycle Time</div> <div></div> - <div>5</div> = <div></div>	S12 (Ready) Subs: 10 <div>Design</div> <div>Dev</div> <div>Test</div> <div>Day Deployed</div> - <div>Day Ready</div> = <div>Cycle Time</div> <div></div> - <div>6</div> = <div></div>
S13 (Ready) Subs: 10 <div>Design</div> <div>Dev</div> <div>Test</div> <div>Day Deployed</div> - <div>Day Ready</div> = <div>Cycle Time</div> <div></div> - <div>6</div> = <div></div>	S14 (Ready) Subs: 10 <div>Design</div> <div>Dev</div> <div>Test</div> <div>Day Deployed</div> - <div>Day Ready</div> = <div>Cycle Time</div> <div></div> - <div>7</div> = <div></div>	S15 (Ready) Subs: 7 <div>Design</div> <div>Dev</div> <div>Test</div> <div>Day Deployed</div> - <div>Day Ready</div> = <div>Cycle Time</div> <div></div> - <div>8</div> = <div></div>
S16 Subs: 6 <div>Design</div> <div>Dev</div> <div>Test</div> <div>Day Deployed</div> - <div>Day Ready</div> = <div>Cycle Time</div> <div></div> - <div></div> = <div></div>	S17 Subs: 7 <div>Design</div> <div>Dev</div> <div>Test</div> <div>Day Deployed</div> - <div>Day Ready</div> = <div>Cycle Time</div> <div></div> - <div></div> = <div></div>	S18 Subs: 7 <div>Design</div> <div>Dev</div> <div>Test</div> <div>Day Deployed</div> - <div>Day Ready</div> = <div>Cycle Time</div> <div></div> - <div></div> = <div></div>

getKanban.com
consulting • coaching • training • tools

getKanban.com
consulting • coaching • training • tools

getKanban.com
consulting • coaching • training • tools

getKanban.com
consulting • coaching • training • tools

getKanban.com
consulting • coaching • training • tools

getKanban.com
consulting • coaching • training • tools

getKanban.com
consulting • coaching • training • tools

getKanban.com
consulting • coaching • training • tools

getKanban.com
consulting • coaching • training • tools

getKanban.com
consulting • coaching • training • tools

getKanban.com
consulting • coaching • training • tools

getKanban.com
consulting • coaching • training • tools

getKanban.com
consulting • coaching • training • tools

getKanban.com
consulting • coaching • training • tools

getKanban.com
consulting • coaching • training • tools

getKanban.com
consulting • coaching • training • tools

getKanban.com
consulting • coaching • training • tools

getKanban.com
consulting • coaching • training • tools

S19 Subs: 10 Design <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Dev <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Test <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Day Deployed - Day Ready = Cycle Time <input type="text"/> - <input type="text"/> = <input type="text"/>	S20 Subs: 8 Design <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Dev <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Test <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Day Deployed - Day Ready = Cycle Time <input type="text"/> - <input type="text"/> = <input type="text"/>	S21 Subs: 7 Design <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Dev <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Test <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Day Deployed - Day Ready = Cycle Time <input type="text"/> - <input type="text"/> = <input type="text"/>
S22 Subs: 9 Design <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Dev <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Test <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Day Deployed - Day Ready = Cycle Time <input type="text"/> - <input type="text"/> = <input type="text"/>	S23 Subs: 11 Design <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Dev <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Test <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Day Deployed - Day Ready = Cycle Time <input type="text"/> - <input type="text"/> = <input type="text"/>	S24 Subs: 9 Design <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Dev <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Test <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Day Deployed - Day Ready = Cycle Time <input type="text"/> - <input type="text"/> = <input type="text"/>
S25 Subs: 8 Design <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Dev <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Test <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Day Deployed - Day Ready = Cycle Time <input type="text"/> - <input type="text"/> = <input type="text"/>	S26 Subs: 11 Design <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Dev <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Test <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Day Deployed - Day Ready = Cycle Time <input type="text"/> - <input type="text"/> = <input type="text"/>	S27 Subs: 10 Design <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Dev <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Test <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Day Deployed - Day Ready = Cycle Time <input type="text"/> - <input type="text"/> = <input type="text"/>
S28 Subs: 9 Design <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Dev <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Test <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Day Deployed - Day Ready = Cycle Time <input type="text"/> - <input type="text"/> = <input type="text"/>	S29 Subs: 11 Design <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Dev <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Test <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Day Deployed - Day Ready = Cycle Time <input type="text"/> - <input type="text"/> = <input type="text"/>	S30 Subs: 7 Design <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Dev <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Test <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Day Deployed - Day Ready = Cycle Time <input type="text"/> - <input type="text"/> = <input type="text"/>
E1 Special job by day 21 Cash: \$5,000 Design <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Dev <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Test <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Day Deployed - Day Ready = Cycle Time <input type="text"/> - 18 = <input type="text"/>	F1 Sec. Audit Due day: 15 Fine:\$2,200 Design <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Dev <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Test <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Day Deployed - Day Ready = Cycle Time <input type="text"/> - <input type="text"/> = <input type="text"/>	F2 Trade show Due day: 20 Subs: 25 Design <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Dev <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Test <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Day Deployed - Day Ready = Cycle Time <input type="text"/> - <input type="text"/> = <input type="text"/>
I1 Database Upgrade (Dev Doing) Design <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Dev <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Test <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Day Deployed - Day Ready = Cycle Time <input type="text"/> - 3 = <input type="text"/>	I2 Refactor core subsystem (Ready) Design <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Dev <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Test <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Day Deployed - Day Ready = Cycle Time <input type="text"/> - 8 = <input type="text"/>	I3 Document legacy code Design <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Dev <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Test <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> Day Deployed - Day Ready = Cycle Time <input type="text"/> - <input type="text"/> = <input type="text"/>

getKanban.com
consulting • coaching • training • tools

getKanban.com
consulting • coaching • training • tools

getKanban.com
consulting • coaching • training • tools

getKanban.com
consulting • coaching • training • tools

getKanban.com
consulting • coaching • training • tools

getKanban.com
consulting • coaching • training • tools

getKanban.com
consulting • coaching • training • tools

getKanban.com
consulting • coaching • training • tools

getKanban.com
consulting • coaching • training • tools

getKanban.com
consulting • coaching • training • tools

getKanban.com
consulting • coaching • training • tools

getKanban.com
consulting • coaching • training • tools

getKanban.com
consulting • coaching • training • tools

getKanban.com
consulting • coaching • training • tools

getKanban.com
consulting • coaching • training • tools

getKanban.com
consulting • coaching • training • tools

getKanban.com
consulting • coaching • training • tools

getKanban.com
consulting • coaching • training • tools