About "Pair work"

By Hikaru Fukuzawa,
QA Engineer @ NEXT Co., Ltd.
About Me

QA Enginner at NEXT CO., Ltd.
5 years after joining the company.

Work for
- automated testing
- accelerated release flow
Today's topic

“Pair work”
Why did you start “pair work”?
We have a lot of work...
It was “Pair work”.

"Pair work" is one practice of agile development. It became a pair of two people, and have a common task.
How to assign a task

morning meeting

A person familiar “with task A”.
We retrospect a "Pair work" at KPT.

1 week

✔ Good Point

✗ Problem & TRY
In More Detail
We check each other about task.

task no.1
-------------
TODO:
1.hoge
2.fuga
-------------
Goal is:
mogemoge

The goal of this task is mogemoge, isn't it?

Yes! And...TODO is hoge and fuga.
We decide on roles for task.

<table>
<thead>
<tr>
<th>Who</th>
<th>Roles</th>
</tr>
</thead>
<tbody>
<tr>
<td>A,B</td>
<td>Design</td>
</tr>
<tr>
<td>A</td>
<td>Development</td>
</tr>
<tr>
<td>B</td>
<td>Investigation</td>
</tr>
<tr>
<td></td>
<td>Support Review</td>
</tr>
</tbody>
</table>

- Development
- Design
- Investigation support review
The pattern of “Pair”.

1. **Active ✖ Support**
   - **Main** A
   - **Supporter** B

<table>
<thead>
<tr>
<th>WHO</th>
<th>SKILL/Knowledge about task</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Great!</td>
</tr>
<tr>
<td>B</td>
<td>Not so much</td>
</tr>
</tbody>
</table>

2. **Active ✖ Active**
   - **Main** C
   - **Supporter** D

<table>
<thead>
<tr>
<th>WHO</th>
<th>SKILL/Knowledge about task</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>Great/Good/SoSo</td>
</tr>
<tr>
<td></td>
<td>50% or more</td>
</tr>
<tr>
<td>D</td>
<td></td>
</tr>
</tbody>
</table>
Effect of pair work
We share nice tips/tools.

Example tips about ...

Vim
Atlassian

etc...

Wait! What is that amazing tool??
Teach me, please

Of course!
Try it!
We can help you soon if you are in trouble. 😊

Oh!
Did you have any trouble?
But, we still have some problems.
The other team's work is sometimes not clear.
So, We confirm at morning meeting.

I got it!
It is difficult to switch pair. 😞

we want to SWITCH, but ...

We still have task .... It wasn’t done yet.
Current Project

SubProject A

SubProject B

1 2

3 4
Next Project xx Start!

SubProject A

SubProject B

1

3

2

4

SWITCH
“CONCLUSION”
<table>
<thead>
<tr>
<th>Good</th>
<th>Problem</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Task Efficiency</strong></td>
<td><strong>Share of knowledge/skill</strong></td>
</tr>
<tr>
<td>Help each other</td>
<td>Black box of other team’s work.</td>
</tr>
<tr>
<td></td>
<td>-&gt; we can solve using morning meetings.</td>
</tr>
</tbody>
</table>
"Pair work"
Thank you for listening.