

26G MENTOR-MENTEE TRAINING PLAN

NOV 2017 – NOV 2019

DATE: NOV 27, 2019
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SOFTWARE SOLUTION 32 GROUP
RZ/G TEAM

BIG IDEAS
FOR EVERY SPACE

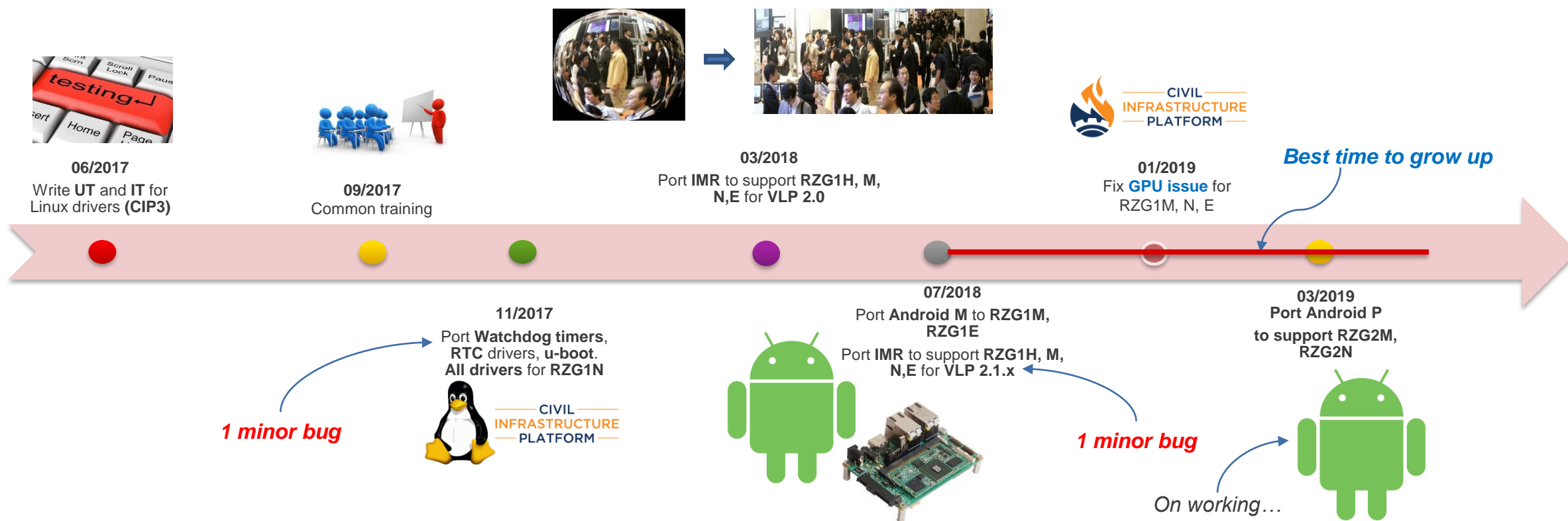
AGENDA

- Looking back after 2 years Page 04
- Target & Achievement Page 07
- Current Status Page 09
- Difficulties and Solution Page 14
- Next plan Page 17

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- **Looking back after 2 years** **Page 04**
- Target & Achievement Page 07
- Current Status Page 09
- Difficulties and Solution Page 14
- Next plan Page 17

LOOKING BACK AFTER 2 YEARS



LOOKING BACK AFTER 2 YEARS

Me, **2 years ago**: I am afraid of doing difficult tasks.

Me, **Now**: Calm down and try your best. You can do it. You can **NOT** do anything if you are always scared.



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- Looking back after 2 years Page 04
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- Current Status Page 09
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- Next plan Page 17

✕ Target and achievement are the same

TARGET & ACHIEVEMENT

TARGET (Become Engineer Level 2)	ACHIEVEMENT (I am Engineer level 2)	Same
Could manage and create my own plan to finish tasks well	Could manage and create my own plan to finish tasks well .	✕
Be able to work well in team and can suggest solutions for tasks in RZ/G team.	Be able to work well in team and can suggest solutions for tasks in RZ/G team.	✕
Could support new members to do their task.	Could guide new members and support colleagues in their tasks. Especially for Android.	
Could do similar tasks without support and parallel task with a little bit support from mentor.	Could work independent and do NOT need support from mentor anymore. (Android task).	
	Be able to share opinion and discuss about Android plan and task assignment.	
	No delay and less bug (2 minor bugs) after 2 years.	

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- Looking back after 2 years Page 04
- Target & Achievement Page 07
- **Current Status** **Page 09**
- Difficulties and Solution Page 14
- Next plan Page 17

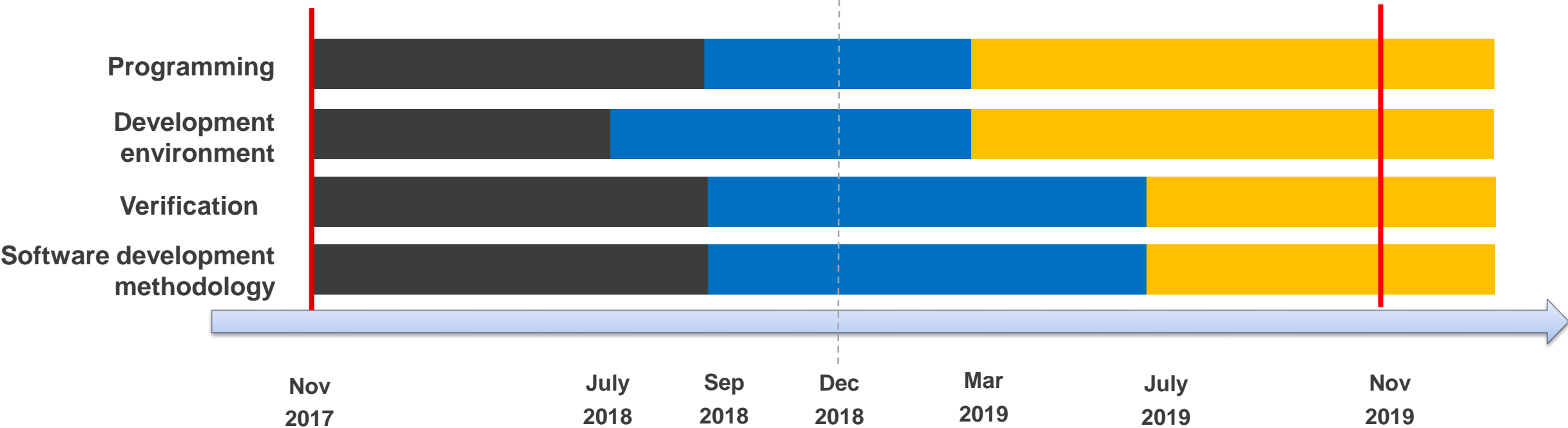
CURRENT STATUS

Need more time to investigate and understand input. Can do simple tasks with helps from mentor . Need mentor to monitor output from mentee and verify mentee's knowledge.	Level 1
Can do similar tasks with small helps from mentor or other members Can do new tasks , but need helps from mentor	Level 1.5
Can do similar tasks without helps from mentor or other members Can do task independently with hints and suggestions from mentor or other members	Level 2

First presentation

Mid-term presentation

Final presentation



CURRENT STATUS(1/3)

TECHNICAL SKILLS

CODING ENGINEER



Programming

- Have **sufficient** knowledge about C language and bash scripts when doing porting drivers/modules task in Linux such as: u-boot, watchdog timer...,etc.
- Have **sufficient knowledge** about **C++**, **Java** language to work with Android tasks.
- **Good** at debugging Android issues. Could **suggest** ideas to support colleague to debug Android issues.



Development environment

- Can understand and modify recipes of RZ/G environment in Yocto.
- Understand **whole RZ/G Android system**: Kernel, bootloaders, device configuration, HAL,...etc. Have **sufficient knowledge** about **Android framework**. Can **modify** and **create** new services to support improve Android OS.

CURRENT STATUS(2/3)

TECHNICAL SKILLS

CODING ENGINEER



Verification

- Refer verification skill from Triet-san to improve my verification skill and try to create **test specification** before making test case.
- Could **create**, **review** test case and **perform** it to verify Android features.

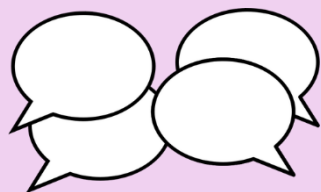


Software development Methodology

- Have **good** skills about analyze and investigate the task assignment before starting. It includes: investigate task requirement, create my **own plan**, **evaluate** difficulty level, set **priority**, **do** and **review** result **every** weeks. I **always** follow this method to arrange and do the task well.

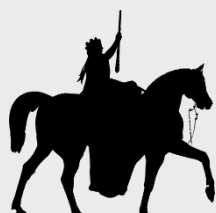
CURRENT STATUS(3/3)

SOFT SKILLS



Communication

- Can **explain** my idea **clearly** to others colleague.
- **Always** try to **listen**, **discuss** and **support** new members in their work. Listening is an important skill that helps me to get knowledge from other colleagues.
- For English, it is **acceptable** for current work.



Management

- Can **do** and **manage** task well by making plan for each task. During 6 last months, I **guide** new 29G member and also **support** him to debug **difficult** issues. It also helps to improve time and workload management.
- Can discuss and share opinion about Android plan and task assignment: **classify**, **evaluate** and set **priority** for each task with the **deadline**.

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- Looking back after 2 years Page 04
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DIFFICULTIES & SOLUTIONS (#1)

- **Category:** [Management](#)
- **Problem:** The Android task is **TOO** big and require to do many tasks. But there are **ONLY** 3 members who are assigned to this task. Lack of resource. So I must do **many tasks** to finish the release well.
- **Impact:**
 - ❖ Sometimes, I must do tasks after working time to complete tasks well. So I feel so stress after working with many tasks for a long time.
 - ❖ I don't have enough time to investigate deeply about android and also learn other fields: IoT, Qt, Gstreamer,...etc.
- **My actions:** Try to analyze and create clear plan and steps for each task and set target, priority for each task before doing.

DIFFICULTIES & SOLUTIONS (#2)

- **Category:** Development environment
- **Problem:** The Android environment is huge and consists of many modules.
- **Impact:** I do **NOT** have deep knowledge to handle difficult tasks well. So I must take more time to investigate to handle issue.
- **My actions:** Investigate the issue, list up all method/investigation to support debugging. Then, evaluate and order all method that need to be done by priority.

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- Looking back after 2 years Page 04
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- Current Status Page 09
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NEXT PLAN

- Create notes and documents for Android to support for training new members.
- Guide new members and support them and other colleagues in their tasks (maybe mainly on Android tasks).
- Continue investigating and learning Android framework to have deep knowledge to prepare for next challenge.
- Learn new fields such as: IoT, web server, ...etc to apply to RZG.

Me, after 2 years



Q & A





THANK YOU FOR YOUR ATTENTION