Placement report (1st) Name:

XU Yuan

Work Supervisor: WONG Po Ming, Angeline

Company: ASM Pacific Technology

1. Acknowledgement (outline II)

This report is written by XU Yuan according to the work in ASM in semester A 22-23. My work supervisor is called WONG Po Ming, Angeline and all the activities are carried out by me and be supervised by her.

2. Objectives of Placement (outline III)

My goal in this internship is to learn more knowledge. In addition to helping the company complete some daily work content, I want to learn more about how to apply the knowledge learned in lectures to the real work. Except for the knowledge, learning the communication skills is another target.

3. Description of Company (outline IV)

Asm pacific technology ltd. (asmpt) is a global supplier of integrated and packaged equipment to the semiconductor and light-emitting diode (led) industries. We supply assembly equipment and materials (lead frames) to multinational chip manufacturers, integrated circuit (ic) assembly factories, consumer electronics and led manufacturers. asmpt was listed in Hong Kong in 1989 (0522.hk) and is currently 40.08% owned by asm international n.v., a supplier of wafer process processing equipment listed in Amsterdam, the Netherlands and Nasdaq in the United States. Hold. asmpt has a complete product chain, growing market share, stable earnings and high returns to shareholders, and has created a legendary record of profitability every year since its inception. Headquartered in Singapore, asmpt has six research and development sites worldwide (Singapore, Hong Kong, Chengdu, Munich, UK and the Netherlands), as well as manufacturing sites in Shenzhen and Huizhou, Singapore, Malaysia and Munich, Germany. The company currently employs more than 16,000 people worldwide and has a worldwide sales and service network. The main research and development areas include: software development, mechanical design, process research, control technology, vision technology, laser technology, etc. So far, it has invested 50 million US dollars.

4. Description of Department (outline V)

I am currently a member of the testing and system team in Vision Group which is the core part of the whole company. Our team is mainly responsible for the testing aspect. More precisely, the Vision group has a lot of separate parts such as Optics team, 3D team and so on. My supervisor Angeline is the leader of the testing team and thus I am mainly responsible for testing team.

Testing team is responsible for testing engineers' solutions on company's productions. Since it is written in C++, it needs a lot of time to build and test the result. So, testing team also responsible for testing automation. Using some platforms to automatically do the build job and test the result.

As for the system team, it responsible for system development. This including total framework and some useful plugins.

5. Work Assignments (outline VI)

Testing:

8.1-8.10:

Learn some basic knowledge of testing team and the tools that are using.

8.16-8.31:

Continue develop the data storge system phase 2.

9.1-11.15:

Some daily works including check test server and maintain the test platform.
Enhance the testing system and do some real development
 11.16-now:
   Collect requirement about integrating some image processing tools into one tool. Communicating with testing engineers to get required information. And start to do a total design

System team:
8.26-10.15:
Set up server, bug fix, maintain lab's pc.
10.15-now:
 Development a tool with GUI to upgrade camera plugins and configs.