0928

As most of team members do not have teamwork experience of software development, we do not know how to design and develop a software in a group.

0928

Solution: One of the team member(Hejia) have the experience during in-time job in vacation, he shared how to use Git GUI and Github in the team, then we learned how to develop and version control.

1013

This the first time we heard about Sequential Monte Carlo, so we do not have any acknowledge about it. In addition, as it is based on high level math knowledge, we are not available to understand it directly by reading books or novels with high level mathematical format.

1013-1018

Solution: We have former meeting with supervisor Dr.Liang Dai and he provide us some basic reading materials and give guidance on math. We keep learning with existing material and guidance, try to understanding how it works.

1018

As we have the basic understanding about Sequential Monte Carlo, we still cannot make it in code/programming language and can not get output data to understand how parameters works and influence the whole system.

1018-1030

Solution: We find Matlab code and use different pairs of parameters to understand how them works in a visible way.

1030

As the algorithm based on high level math knowledge and it is hard for everyone to understand every detail of algorithm. If we still trying to understand by everyone it would takes too much time for the group and result in the situation that no enough time for other works.

1030-1114

Solution: During the former meeting we decided to divide into two small groups – one for algorithm(Cong & Zexi) and another for software design(Hejia, Xiang & Kaiwen). Every small group can focus on their work and that is an efficient way. In detail, software design contains software positioning, requirement confirmation, programming language choosing and function & UI design.

1114-1123

We have a meeting for confirming software detail and keep writing documentation and report.

1123-12-01

During the report writing, as each member works for own part, there exists some parts conflict and some part call another’s data.

1201-1207

Solution: After finished everyone’s part, we communicate in meeting and solved this problem by teamwork.