SE2811: Lab 2b Checklist

Dr. Yoder   Name:

Item	Points
Git repository works as an IntelliJ project when checked out	/ 1
Git history *shows* good teamwork among members of the team	/ 4
Domain-level UML diagram: (Staple report to this checklist) Corrects any errors pointed out by the instructor from Part A submission (and includes graded work submitted for part A).	/ 2
Solution-level UML diagram: Is **well organized** and clearly laid out – **no** lines **crossing** over other classes and avoids crossing lines over other lines. Does not screenshot EA.	/ 1
Focuses on solution space: includes all classes	/ 1
Focuses on solution space: Includes all methods and instance variables except certain reference fields (see below).	/ 1
Includes reference fields within class boxes for associations.	/ 1
Does **not include** names on associations where they can be inferred from the name of the class pointed to. **Does include** where it can't **Includes** directions on associations.	/ 1
Includes all constructors except default (single no-argument) ones.	/ 1
Specifies types of parameters, return values, and fields.	/ 1
Ensure all classes have at least one connection to another class.	/ 1
Includes discussion of significant changes from domain diagram.	/ 1
Includes a paragraph describing who implemented which portions of the system	/ 1
Includes screenshots of the solution in action showing that Bees move in the correct directions and change energy levels.	/ 1
Discusses any known problems in the implementation or design	/ 1
Meets requirements: Includes key describing bees and flowers Displays energy on bees and flowers	/ 1
Energy goes down as bee flies and flowers that give energy lose nectar	/ 1
There are two types of Bees at least as complicated as those described in the lab: • Picks flower at random • Fly in straight lines back and forth to cover full garden	/ 1
There are two types of flowers at least as complicated as those described in the lab: • One that provides energy • One that drains energy	/ 1
Euclidean distance is used to check distance to flowers	/ 1
Follow submission instructions below	/ 1
Total	/ 25

- **Staple** this lab cover sheet on top of all the materials you are submitting.
- Submit your work in the **order** listed above.
- In addition to the materials above, submit any other supporting materials you create while working the lab where they fit best in your report.

- Your demo is due at the start of the lab period. Your lab packet is due at the start of the lab period. Please ensure the version demoed is committed to Git.

- (January 2019: This checklist created after the lab was submitted)