Hasso Plattner Institut

IT Systems Engineering | Universität Potsdam

Build your own Database

Week 8

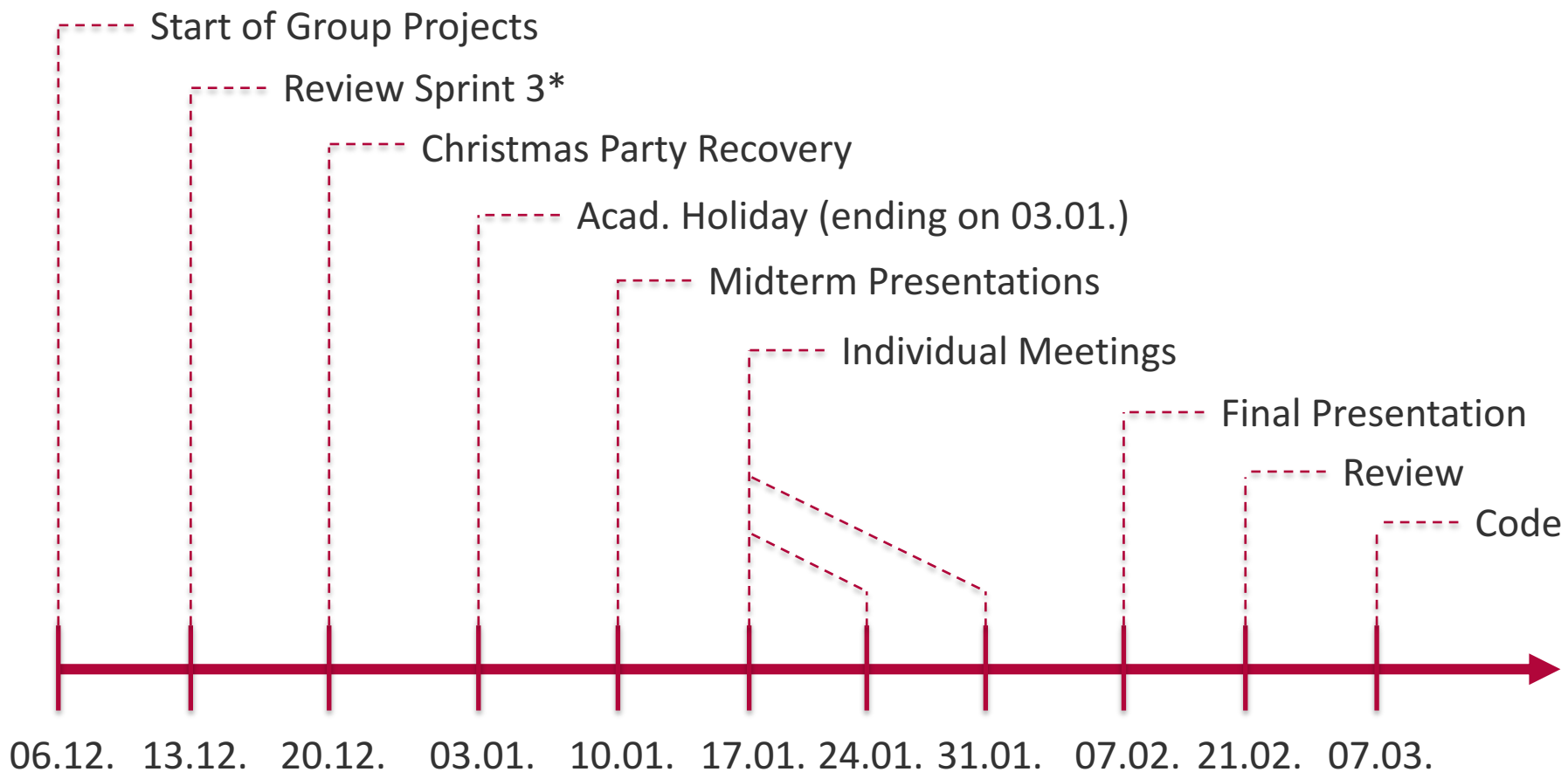
Agenda

- Topic Assignments
- Logistics
- ILIW
- Repo Differences
- First Meeting for Group Project

Topic Assignments

- Group 1 (AH, AS, LW): Self-Driving — V-1.15
- Group 2 (LB, SD, RS): Networking — Glaskasten
- Group 3 (BF, MJ, TS): Data Types — V-1.15
- Group 4 (DH, PO, JW): Subqueries
- Group 5 (AP, DS, ST): Pruning
- Group 6 (JB, JN, FW): Joins
- Group 7 (JC, NH, FM): Partitioning — Glaskasten
- Group 8 (FD, MF, TF): Optimizer Rules

Logistics



*) For Sprint 3, we do not expect you to refactor your code

Date of Final Presentation

- Instruction ends on 07. February
- We would like to have the end presentation on that day, but ~11 minutes per group is not enough
- Three options
  - Super Wednesday (07.02., 09:15 – 12:30)
  - Find a second slot in that week
  - Take the Wednesday before (our least favorite)

I Like, I Wish

Repo Differences

```
TableScan(const std::shared_ptr<const AbstractOperator> in,
          const ColumnID left_column_id, const ScanType scan_type,
          const AllParameterVariant right_parameter);
```

```
template <class Base, template <typename...> class Impl, class... Temp
std::unique_ptr<Base> make_unique_by_data_type
  (DataType data_type, ConstructorArgs&&... args) {
```

```
// creates a table
// the parameter specifies the maximum chunk size, i.e., partition size
explicit Table(const uint32_t max_chunk_size = Chunk::MAX_SIZE);
```

Logistics (Part two)

- Please open PRs from early on
  - Early Feedback
  - Fewer Conflicts
  - Less Blocks
- The initial review will be done by *the other group*