

LowCode Factory – Team Project

Chair of Enterprise Systems - Marcel-René Wepper



Who is the Chair of Enterprise Systems?



Prof. Dr. Hartmut Höhle
Chairholder



Brigitte Haber
Office Management

PhD Candidates



Jan
Schilpp



Hannah
Sperling



Marcel-René
Wepper



Jonas
Bauer



Adrian
Augustin

Who am I?



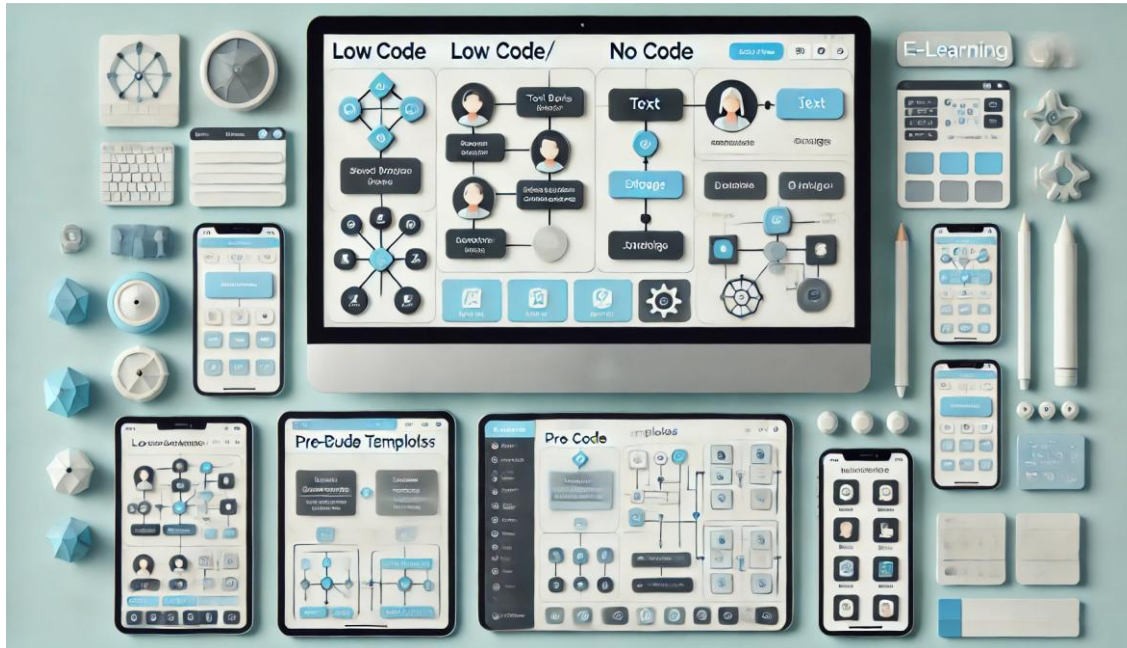
Marcel-René Wepper

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Platform Architect @ DZBANK
PhD Candidate @ University Mannheim
Certified Scrum Master / Product Owner



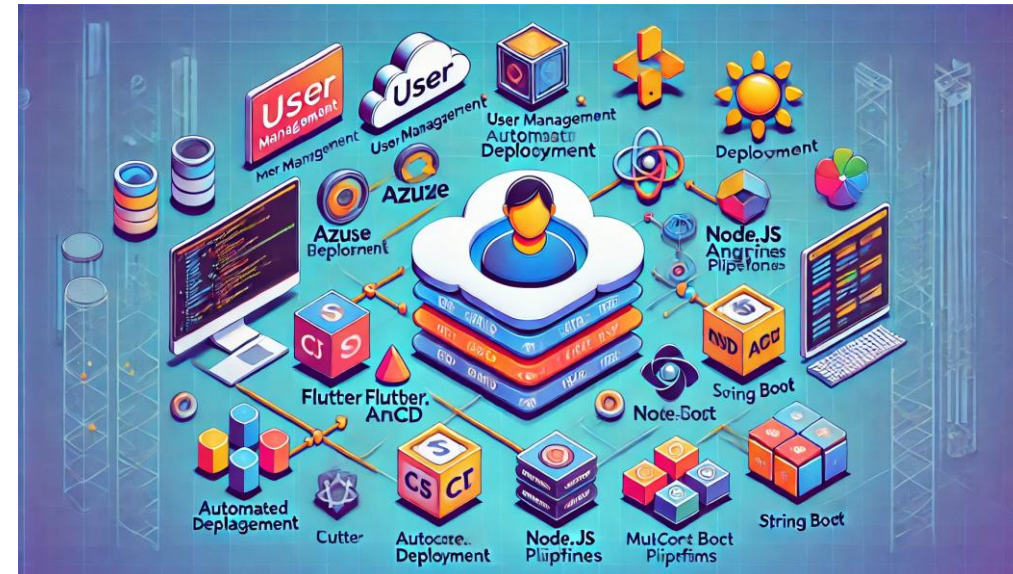
What is “LowCode Factory” about?



- **Comprehensive E-Learning Platform:** “CodeFactory” provides business students and professionals with a self-directed learning platform to acquire and practice low-code/no-code development skills
- **Innovative and Unique:** A first-of-its-kind platform in the market, addressing the growing need for accessible software development education

What to do?

- Technical Components:
 - User Management (Azure)
 - Automated Deployment (CI / CD)
 - Frontend (React Next.JS)
 - Backend (Node / Springboot?)
 - NoCode/LowCode Environment
- Functional Components:
 - Class Management
 - Learning Paths
 - Solution Checker (GenAI)



- Surveys
- Wiki

What to expect?

- Agile Software Team:
 - 1 PM / Business Representative / Tester
 - 1-3 Front-End Developer
 - 1 Back-End Developer
 - 1 UI / UX + (Front End)

4-6 Members

- Agile Software Procedure:
 - Team Kick-Off → 1 Day Workshop (FFM / Mannheim)
 - Sprints (2-4 Weeks)
 - Sprint Planning / Sprint Review
- Project Phases:
 - Conception
 - Development & Documentation
 - MVP

