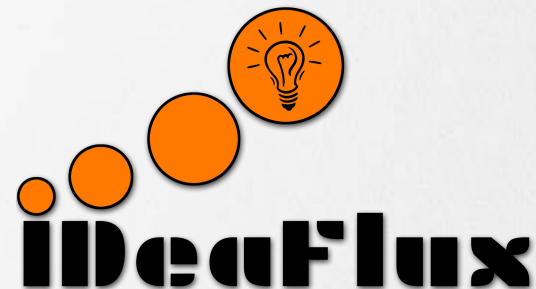


ETHERA

Multifaceted Student Industrial Placement System

Progress Presentation - 2



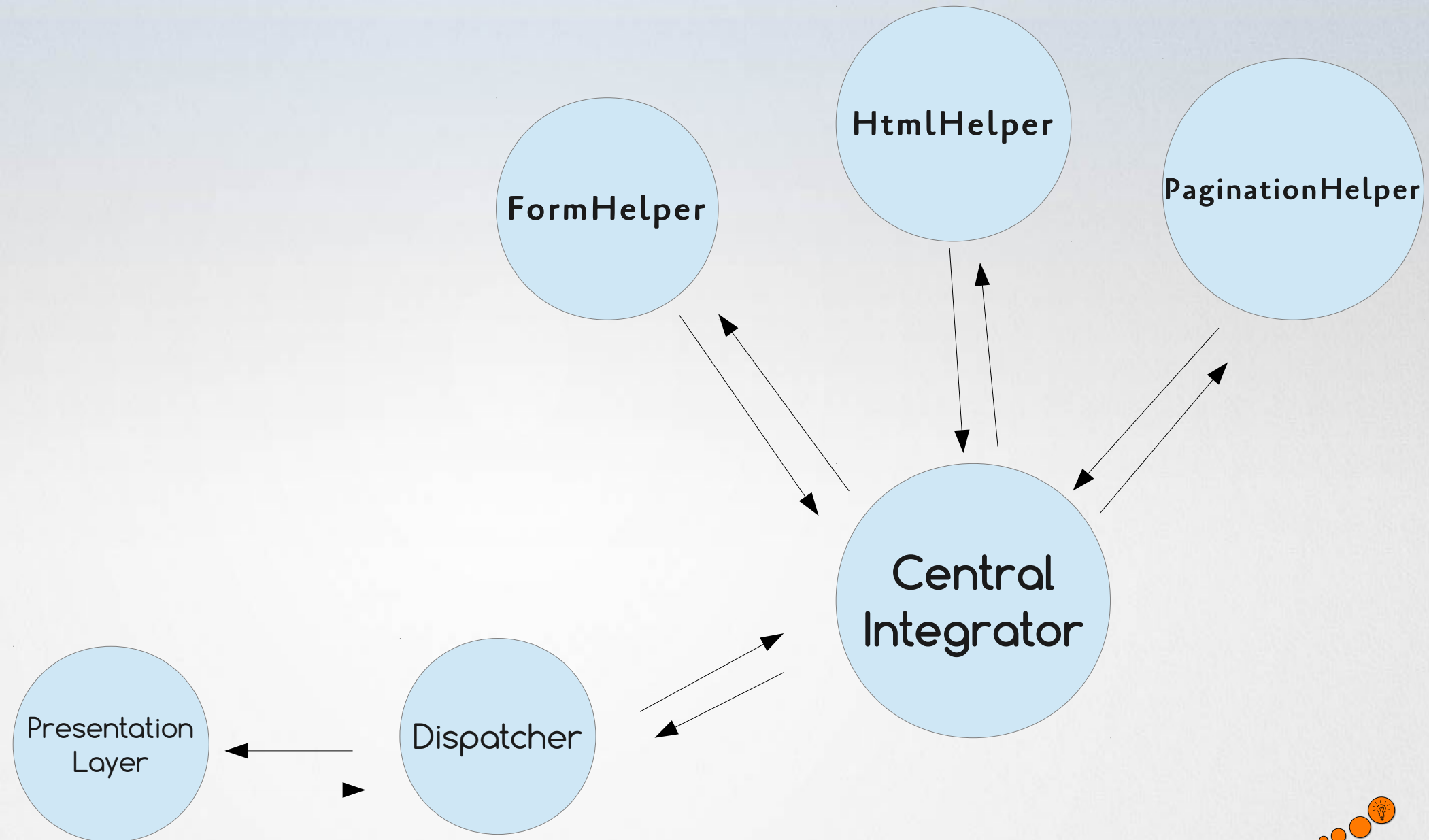
**What we have
done so far?**

What we have done so far

- Each member continuously working on their responsible components of the system.
- Developed few essential helpers that can cut down the workload of developing UI(s) by 50%.
- Introducing a Basic Evolutionary algorithm to solve the core problem.
- ACL using database MPTT
- RESTful came handy when crunching remote data.
- Implementation of a very secure architecture.

Our very own
UI helpers

Our very own UI helpers



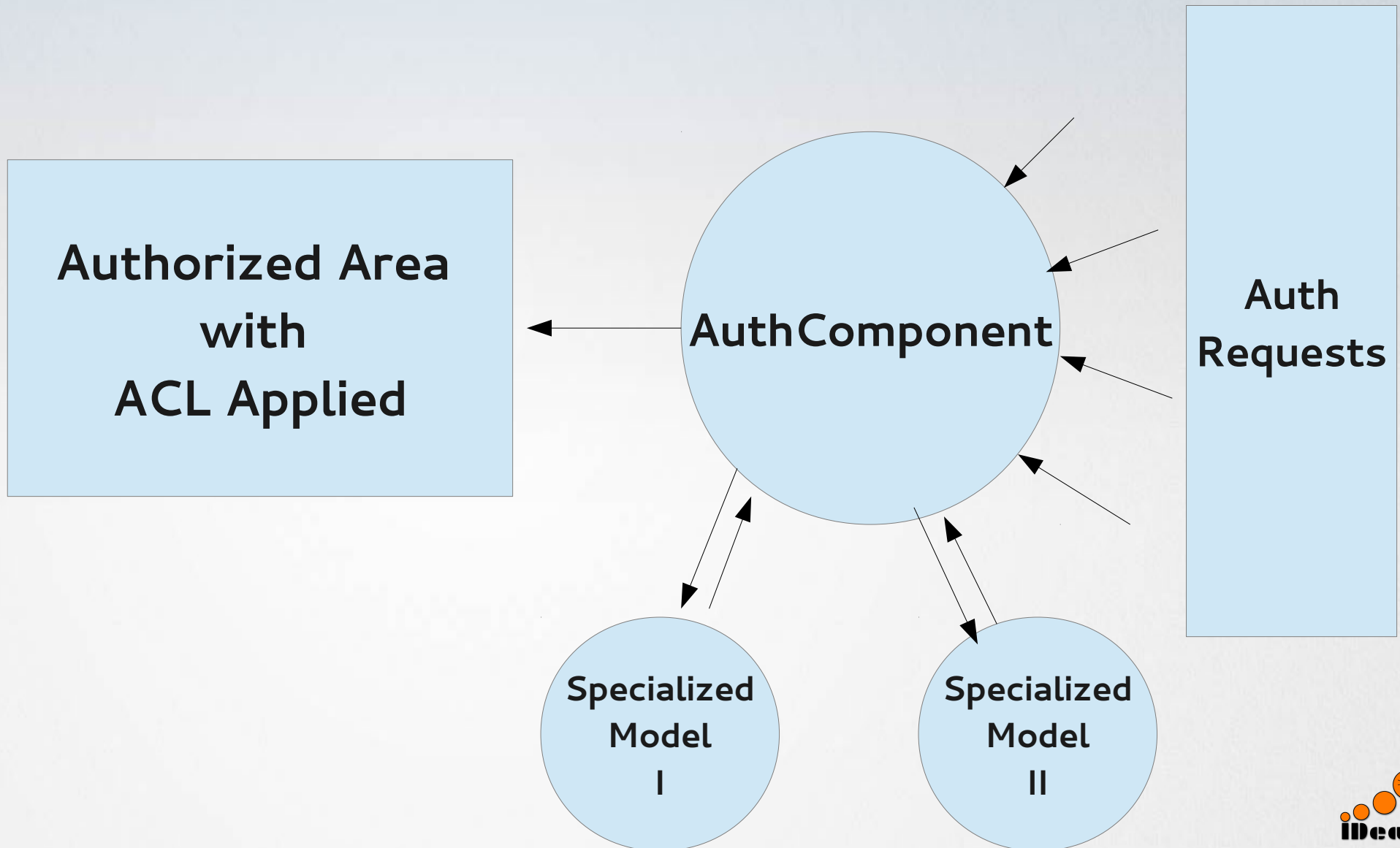
**Is it possible to
implement a
Generalized
authentication?**

We hope we're
there
With

.....

Authentication Objects Concept!

Authentication Objects Concept



The Formation of An Evolutionary Algorithm

Algorithm Formation

$$S = \sum_{m=1}^j \sum_{n=1}^i G_i, E_i, (A, O)_j$$

$$|A_i| \leq 3$$

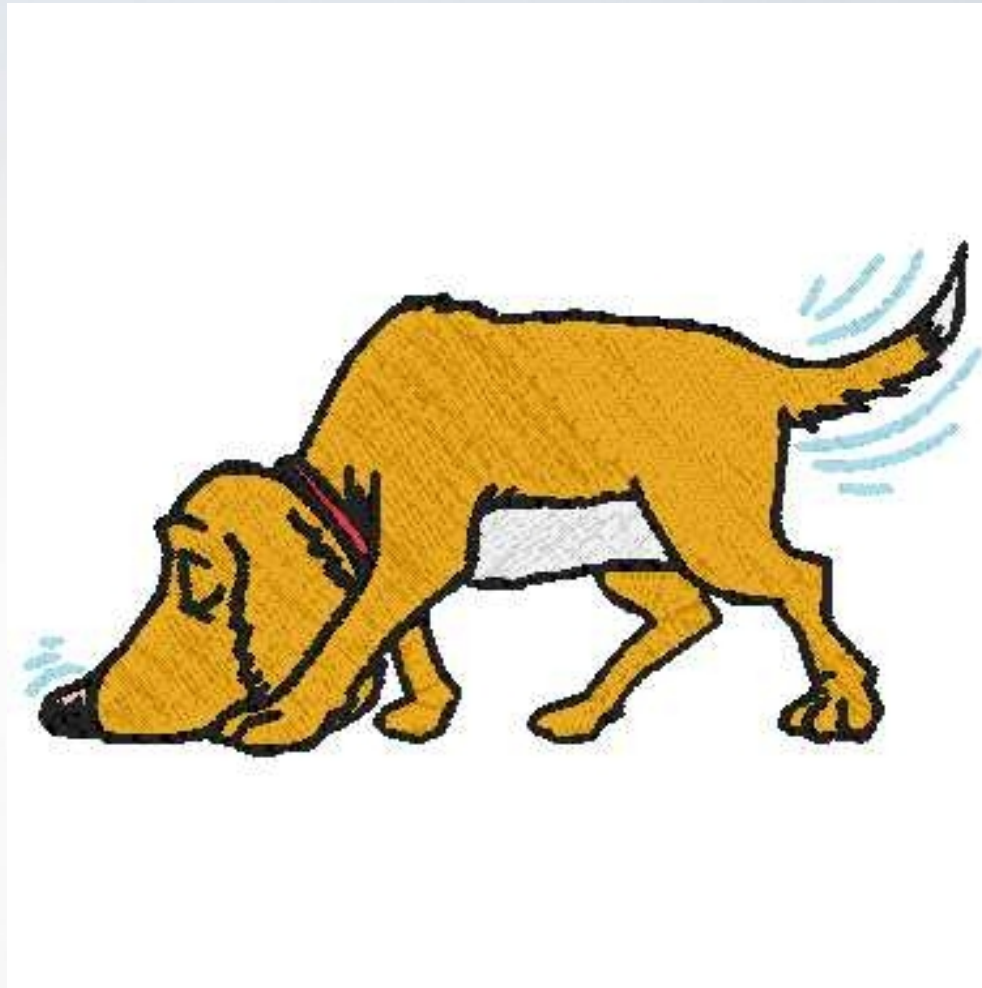
$$\frac{G_i.W_C + E_i.W_E}{2} \leq 4$$

CSRF protection

reCaptcha Integration

The RESTful[ness]

Sniffing The Code



**Some new
Lessons
Learned**

Some new Lessons Learned

- It is really hard to get the Key paid Auth in GIT worked through University proxy.
- If mailing system is not properly configured, you're IP or SMTP account will be banned so soon by the inbound mail service.
- Team communication is very important to reduce unwanted GIT merges
- Team learning is very effective

Thank You

