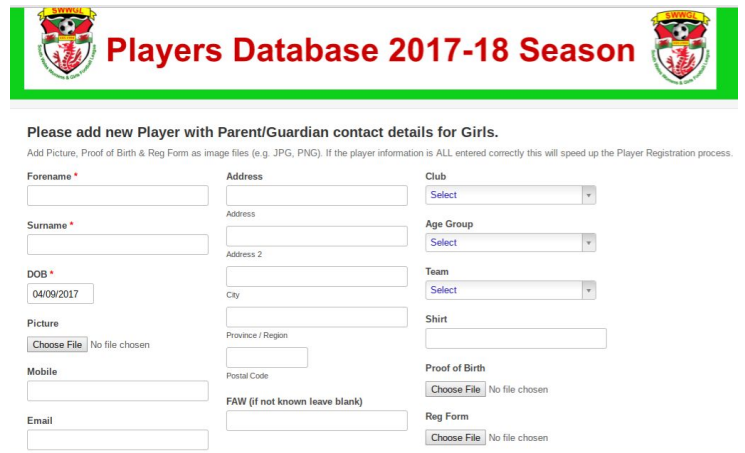# Clubs & Players Databases

The South Wales Women's and Girls' League (SWWGL) is the biggest female football league in Wales with over 55 clubs, 175 teams and 2500 players. This means there is a significant workload in adding and updating information which used to be done with a combination of spreadsheets and paper based systems.

As this whole operation is run by a handful of volunteers there was a need to introduce new systems to help with all of the processes and workload involved.

In 2016 we developed a Player registration system using the web-based Knack database to fully replace paper based Registration Cards and Team Sheets with a fully electronic system. This includes allowing any member of the public to add new players and authorised Club users to update their player details.

Club administrators do their data preparation and planning online then League administrators follow on with their review and approvals online. Both can then produce electronic Team Sheets and Registration Reports that replace old paper and card based systems. League personnel can also produce comprehensive reports and charts of players by age and club to analyse the current status and growth of female football across South Wales.

Total Players by Club

71, 57, 78, 31, 15, 124, 17, 39, 68, 209, 27, 43, 39, 32, 116, 56, 11, 18, 24, 13, 54, 15, 36, 21, 24, 20, 17, 56, 2, 19, 65, 16, 68, 38, 21, 25, 7, 34, 29, 11, 14, 38, 17, 29, 19, 28, 27, 62, 38, 73, 23, 112, 129, 28
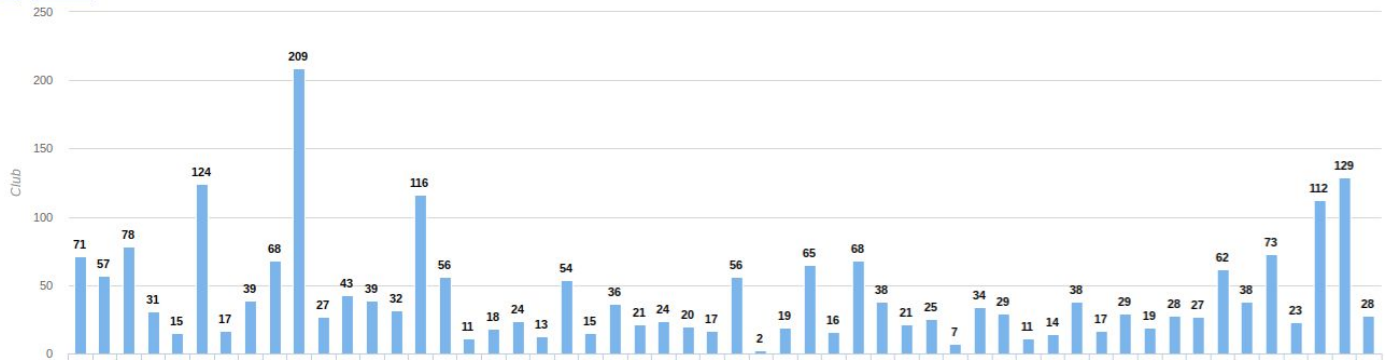
Percentage of Players by Age Group

Age Group
- Women — 24.06 %
- Unapproved
- U16 Girls
- U15 Girls
- U14 Girls
- U13 Girls
- U12 Girls
- U11 Girls
- U10 Girls
- U09 Girls
- U08 Girls
- U07 Girls
- Deregister

(pie slice values: 24.06 %, 6.66 %, 6.36 %, 9.15 %, 14.34 %, 10.37 %, 11.51 %, 9.5 %, 6.14 %, 2.96 %, ...)

SWWGL Registration Secretary Claire Humphreys says that "It's an absolutely amazing system, I have no paperwork to store so less mess at home and it's reduced hours of time spent going through paperwork. I have my very own little office in a box, with everything available at the click of a button."*
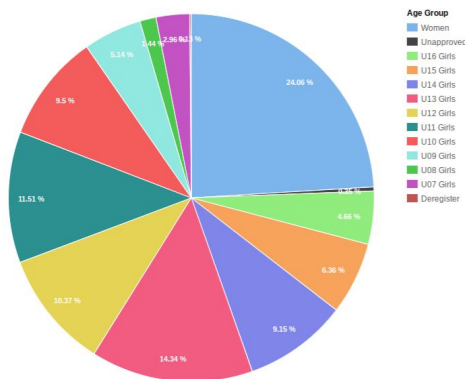
This has resulted in major improvements in efficiency and report quality for everyone involved.

Reg	%	U7	U8	U9	U10	U11	U12	U13	U14	U15	U16	W	D	L	U	Chk	A5	A6	A7	A8	A9
95	91%	8	6	0	12	10	14	0	17	0	0	28	0	0	0	104	0	3	10	4	8
65	100%	9	0	7	10	14	13	12	0	0	0	0	0	0	0	65	0	3	6	5	5
57	100%	6	0	11	6	0	13	0	0	0	0	21	0	0	0	57	0	0	6	7	4
34	100%	0	0	0	0	0	0	0	17	0	17	0	0	0	0	34	0	0	0	0	0
24	96%	0	0	0	0	0	0	0	0	0	0	24	0	0	0	25	0	0	0	0	0
132	99%	0	0	10	11	16	14	14	12	17	0	38	0	0	0	134	0	0	0	1	9
4	100%	0	0	0	0	0	0	0	0	0	0	4	0	0	0	4	0	0	0	0	0
53	96%	6	0	6	11	0	16	14	0	0	0	0	0	0	0	55	0	2	5	4	8

Club Report | Edit Teams | Coaches | Managers | Edit Club | Invoice | Players | Free Dates | Fines | Venues | Entries | Teams

Surveys ▼ | AGM ▼ | Clubs | Coaches | Managers | Coach Rep | Finance ▼ | Signatures | Add Fine | Club Badges | Badge Report

In 2017 we developed this further by replacing a spreadsheet based system of Club details and Team entries with another web-based Knack database. This has been extended to provide a comprehensive Club management system with all the details that the League requires including all data necessary to upload to our League website as well as generation of invoices and payment tracking.
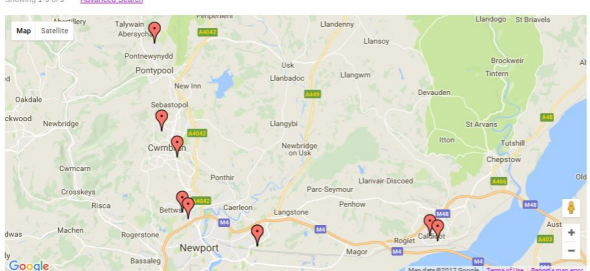
	Teams	Entry Fee	Min P	Tot P	Xtr P	XtrP Fee	Txfrs	Txfr Fee	Adjust	O/S Fines	Fees & Fines	Paid ?	Total Paid	To Pay
	9	£620.00	110	34	0	£0.00	0	£0.00		£0.00	£620.00	Yes	£450.00	£170.00
	1	£205.00	14	13	0	£0.00		£0.00		£0.00	£205.00	Yes	£205.00	£0.00
	7	£395.00	74	47	0	£0.00	0	£0.00		£0.00	£395.00	No	£0.00	£395.00
	6	£310.00	60	50	0	£0.00	0	£0.00		£0.00	£310.00	Yes	£310.00	£0.00
	6	£355.00	64	1	0	£0.00	0	£0.00	-£35.00	£0.00	£320.00	Yes	£320.00	£0.00
	2	£170.00	28	0	0	£0.00	0	£0.00		£0.00	£170.00	Yes	£170.00	£0.00
	1	£205.00	14	14	0	£0.00		£0.00		£0.00	£205.00	No	£0.00	£205.00
	5	£265.00	48	27	0	£0.00	0	£0.00		£0.00	£265.00	Yes	£265.00	£0.00
	6	£315.00	52	1	0	£0.00	0	£0.00		£0.00	£315.00	Yes	£315.00	£0.00

As a volunteer organisation, efficient and accurate invoicing followed by tracking of payments has been an opportunity for improvement. There has been a step change in effectiveness with the introduction of automated invoicing leading to 93% of payments received within a month rather than throughout the season.

The database has also been utilised to collect feedback surveys, online voting, produce venue maps, club, team and coaches reports as well as managing fines.

	Your Vote	Agree	Disagree	Abstain	Votes	Vote %	Status
	Agree	24	3	2	29	89%	Recommend
	Agree	21	3	3	27	88%	Recommend
	Agree	22	2	0	24	92%	Recommend

	Fine	Status	Comment
man	£50.00	Paid	Paid by Bank Trans Sep-17.
man	£0.00	Appealed	
man	£50.00	Sent	
man	£0.00	Cancelled	Guarantee Fee take meeting fines with 1 reconsider if they re
man	£50.00	Paid	Received by Bank
man	£50.00	Paid	Paid with Entry Fee fine.
man	£0.00	Cancelled	Guarantee Fee take meeting fines with 1

With the scale of the League the database is now absolutely essential to effectively manage such large amounts of data in a timely and efficient manner for all users. We now have a fully online system accessible by all users anytime, anywhere on any device. The level of professionalism we have been able to introduce is unsurpassed in the management of any league in the region.

SWWGL League Secretary Gail Powell says that "After years of struggling to run a league with spreadsheets and email it's like a magic box with all the answers". Several Club Secretaries have already commented to her that they wish the boys leagues had the same system as it is so much easier for everyone.

Both of these databases demonstrate the potential for extending this type of solution to other sporting leagues or to be adapted for other communities and businesses. You may view some of the public pages of this database here to give you an idea of the capabilities. If you wish to find out any more details or discuss a demonstration then please contact james.standerwick@gmail.com